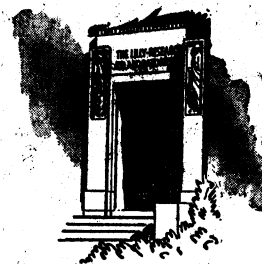


*"Bricks, travertine marble, and apparatus cannot solve problems or make discoveries but may be tremendously useful at the command of knowledge and skill."*

## **GELSEALS MULTICEBRIN**

(Pan-Vitamins, Lilly)



One gelseal contains a daily prophylactic dose of all the better known water-soluble and fat-soluble vitamin fractions. The dose of Gelseals 'Multicebrin' may be increased for those patients with definite signs of multiple vitamin deficiency. Supplied for the physician's prescription in bottles of 30 and 100 gelseals.

**ELI LILLY AND COMPANY (CANADA) LIMITED**  
*Terminal Warehouse • Toronto*

*Pharmaceuticals and Biologicals • "If it bears a Red Lilly it's right"*



*Two Birds*

**WITH ONE STONE . . .**

**YOU** kill two bad birds with one stone when you treat chronic arthritis with SULFOSALYL.

*First*, you relieve the distressing joint and muscle pains.

*Second*, you contribute considerably to faster recovery.

Sulfosalyl is a balanced prescription of three salicylate salts with available calcium and sulfur and a small amount of thyroid and parathyroid. It has been used successfully in the treatment of chronic rheumatism and arthritis and also in other conditions of rheumatic origin, especially sciatica and muscular aches and pains.

The average adult dose in painful cases is 1 or 2 capsules every one or two hours, as needed; maximum 20 capsules per day. As pain is relieved, the dose may be reduced gradually to 6 or 4 capsules daily.

The capsules are gluten coated and insoluble in gastric juice. Hence the stomach is spared and therapeutic efficiency increased.

Made under the supervision of an expert pharmacist. Supplied in bottles of 100 capsules.

*Liberate samples on request.*

**SULFOSALYL**

*a palliative for arthritis*

# Pioneers in Canada

As pioneers in supplying Canadian physicians with sulphonamide compounds for the chemotherapy of acute bacterial infections, we do not hesitate to suggest that you avail yourself of the protection and the guarantees afforded by our brand names—

## DAGENAN

The original sulfapyridine and the most potent weapon in the treatment of pneumococcal infections; also indicated in infections due to the meningococcus, gonococcus, etc.

## SOLUDAGENAN

Stable solution of Dagenan for parenteral use—an original "Poulenc" product.

## THIAZAMIDE

Poulenc's brand of sulfathiazole indicated in staphylococcal, gonococcal as well as pneumococcal infections.

## SOLUTHIAZAMIDE

Stable solution of Thiazamide for parenteral use—the latest "Poulenc" original.

## SEPTAZINE

Anti-streptococcal sulphonamide compound of high activity and low toxicity—a "Poulenc" original.

## SOLUSEPTAZINE

A non-toxic compound of special value in the emergency therapy of streptococcal and meningococcal infections—another "Poulenc" original.

**THESE BRAND NAMES  
ARE YOUR PROTECTION**

Detailed information on all the above products will be gladly furnished on request to physicians.

*Laboratory Poulenc Frères*  
OF CANADA LIMITED — MONTREAL

## EFFECTIVENESS WITH GREATER SAFETY

# SULAMYD

SCHERING'S POWERFUL NEW SULPHONAMIDE, P-AMINOBENZENE  
SULFONYLACETYLIMIDE,

DETOXIFIED BEFOREHAND BY  
ACETYLATION  
FOR

**B. COLI INFECTIONS OF THE URINARY TRACT** — 96% improvement in 100 cases of pyelitis, cystitis, pyelonephritis, reported by Welebir & Barnes (Cleveland meeting of the American Medical Association, June 6, 1941).

**GONORRHEA** — results with SULAMYD "were found to be slightly better" in 100 cases of gonorrhea than in "a parallel series of 100 cases treated with sulphapyridine". No fever, no blood changes, and "nausea and headache so often complained of by patients undergoing treatment with other sulphanilamide preparations were completely absent". (Lancet 1:145, 1941)

**DETOXIFIED** — SULAMYD produced no leucopenia and no urinary suppression in a series of patients treated at the Johns Hopkins Hospital. SULAMYD Soluble was found to be "by far the least toxic" of soluble sulphonamides tested at the Columbia-Presbyterian Medical Center. By virtue of careful chemical design, SULAMYD\* and SULAMYD Soluble\* are the safest sulphonamides available to medicine today.

\*REGISTERED TRADE MARKS

SCHERING CORPORATION LIMITED  
137 ST. PETER STREET MONTREAL, P.Q.





**A Perfect Score Deserves  
a Perfect Cigarette . . .**

W. D. & H. O. WILLS'

**GOLD FLAKE**

CIGARETTES    CORK TIP OR PLAIN

But even if you do not shoot a "perfect"  
every time up at the traps, there is  
always one "perfect" you can count on...  
Gold Flake, the quite perfect cigarette.

# VIPLEX E.B.S.

## The Complete Vitamin B Complex

Medical men are becoming more certain that the Vitamin B Complex, as a whole, instead of its separate factors, is necessary to human nutrition. A lack of any one component is likely to be associated with a lack of the other components. For example, in many cases of pellagra the administration of Nicotinic Acid has brought to light an accompanying deficiency of Vitamin B<sub>1</sub> and Riboflavin. Therefore, the administration of the whole complex is logical.

### VIPLEX E.B.S.

contains the five known members of the Vitamin B Complex, in the pure state. These components are present as a suitably balanced, palatable combination in standardized amounts.

#### EACH TEASPOONFUL CONTAINS:-

Vitamin B <sub>1</sub> (Thiamin Chloride)	.75 mgm.	250 International Units.
Vitamin B <sub>2</sub> (Riboflavin)	.1 mgm.	40 Bourquin-Sherman Units.
Nicotinic Acid	3.0 mgm.	
Vitamin B <sub>6</sub> (Pyridoxine)	63 micrograms	
Pantothenic Acid (Filtrate Factor)	63 micrograms	

**SUGGESTED DOSAGE:**—One to two teaspoonfuls four times a day, preferably taken after food. Two teaspoonfuls will provide the daily requirement of Vitamin B<sub>1</sub>. Larger dose may be given where indicated.

Viplex E.B.S. is also available in tablet form:

### S.C.T. No. 745—VIPLEX E.B.S.

#### EACH TABLET CONTAINS:-

Vitamin B <sub>1</sub> (Thiamin Chloride)	.75 mgm.	250 International Units.
Vitamin B <sub>2</sub> (Riboflavin)	.5 mgm.	200 Bourquin-Sherman Units.
Nicotinic Acid	10 mgm.	
Vitamin B <sub>6</sub> (Pyridoxine)	250 micrograms	
Pantothenic Acid (Filtrate Factor)	250 micrograms	

**SUGGESTED DOSAGE:**—Two to four tablets a day, preferably taken after food.

### INDICATIONS:

Where the Condition is due to

#### B Complex Deficiency:

Anorexia  
Beriberi (Subclinical)  
Cardiovascular Dysfunction. (Where other signs of B Complex deficiency are present)  
Cheilosis  
Conjunctivitis  
Gastro-Intestinal Hypotonicity  
Neuritis (Of Pregnancy) (Alcoholic)  
Seborrheic Dermatitis

#### For Prophylaxis:

Growing Children  
Lactation  
Pregnancy  
Prevention of Malnutrition

**THE E. B. SHUTTLEWORTH CHEMICAL CO. LIMITED**

TORONTO

MANUFACTURING CHEMISTS

CANADA

**SPECIFY E. B. S. ON YOUR PRESCRIPTIONS**

## Common problems in the management of peptic ulcer

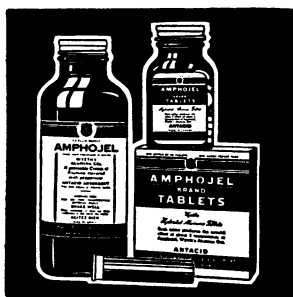
**AMPHOJEL**, Wyeth's Alumina Gel, is becoming the preferred treatment for peptic ulcer. Four striking features of Amphojel are recognized by clinicians. ● It provides prompt relief from pain. ● It permits rapid healing of the ulcer. ● It cannot be absorbed and eliminates the hazard of alkalosis. ● It reduces excess acidity without completely neutralizing the gastric contents.

Amphojel is a valuable adjunct in the treatment of melena and hematemesis when administered by continuous drip.

**AMPHOJEL**  
**Wyeth's Alumina Gel**  
**Fluid Antacid . . .**  
**Adsorbent**

One or two teaspoonfuls either undiluted or with a little water, to be taken five or six times daily, between meals and on retiring.

**Supplied in 12-ounce  
bottles.**

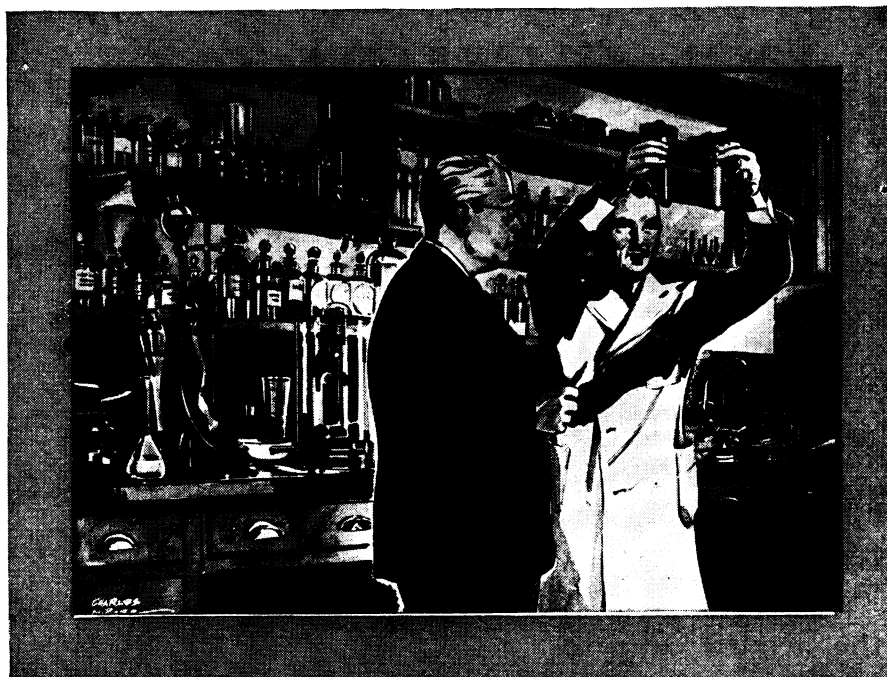


**For the convenience of  
ambulatory patients**  
**AMPHOJEL TABLETS**  
**Wyeth's Hydrated  
Alumina Tablets Antacid**

One-half or one tablet in half a glass of water. Repeat five or six times daily between meals and on retiring.

**Supplied in bottles of  
50 tablets.**

**JOHN WYETH & BROTHER (CANADA) LIMITED**  
**WALKERVILLE - ONTARIO**



(Number one in a series of six.)

*"How can acid rebound and alkalosis be avoided in the treatment of peptic ulcer?"*

**AMPHOJEL** controls free HCl safely. When Amphojel is used neither secondary acid rise nor alkalosis is possible for three reasons: 1. A gastric pH compatible with ulcer healing is maintained. 2. Amphojel is not absorbed. 3. Amphojel itself has a pH of approximately 6.7.

# AMPHOJEL

*Wyeth's Alumina Gel*

THE OLDEST PHARMACEUTICAL HOUSE IN CANADA  
ESTABLISHED IN 1883

# MORNING WITHOUT CLOUDS

One of the most striking characteristics of Allonal is that it can be prescribed night after night, as required, without cumulative action or morning after hangover. The hypnotic component is destroyed promptly in the body and eliminated.

To ensure the needed calm repose in cases in which sleep would otherwise be disturbed or fitful, or indeed refuse to come at all, many physicians, through the experience born of years of clinical observation, have learned to place entire dependence on Allonal. Because of the synergism of its two ingredients, allyl-isopropyl-barbituric acid and phenyl-dimethyl-dimethylamino-pyrazolone, it is neither a short-acting nor a long-acting hypnotic. One or two tablets can be counted on to bring 6 to 8 hours of refreshing sleep—even in the presence of pain.

**HOFFMANN-LA ROCHE LIMITED**  
MONTREAL TORONTO

**ALLONAL**  
*The Hypnotic Without Hangover*

# MULTIVITE

(Vitamins A B<sub>1</sub> C and D)

## Each Multivite Pellet contains

Vitamin A	3000 international units
Vitamin B <sub>1</sub>	200 international units
Vitamin C	12.5 milligrams
Vitamin D	600 international units

One pellet, therefore, provides about half the full daily requirement of Vitamins A and B<sub>1</sub>, and approximately the whole of the average daily requirement of Vitamins C and D.

Multivite Pellets are recommended for the correction of the vitamin deficiencies of modern diets and thus for assisting in the maintenance of the normal rate of growth, in maintaining appetite and resistance to infection and in preventing night-blindness, xerophthalmia, neuritis, scurvy and rickets.

Multivite Pellets are palatable; they are readily taken, therefore, by children and adults. By reason of their compactness and portability, Multivite Pellets can be carried in the pocket or handbag, so that they may be taken at the most suitable times in the day, that is, after the principal meals.

*Stocks of Multivite are held by leading druggists throughout the Dominion,  
and full particulars are obtainable from:*

**THE BRITISH DRUG HOUSES (CANADA) LTD.**  
**Terminal Warehouse** **Toronto 2 Ont.**

# *Procter & Gamble presents*



## New in 1879 . . . New in 1941

In 1879, when Procter & Gamble first launched Ivory Soap, it was a triumph in soap-making. Never before had there been a soap with such uniform purity and mildness at so moderate a cost. Never before had there been a soap which mothers could trust for their babies, and for their hands in a hundred household tasks as well. Never before had there been a soap

which received such whole-hearted approval of doctors.

Today, in 1941, there is a New Ivory Soap. It, too, is an achievement. Ivory has always been famous for mildness. Now, the New Ivory Soap actually sets a new high standard of Ivory mildness. We believe that New Ivory will more than ever merit your confidence and approval.

# to the Medical Profession

## NEW IVORY SOAP—

### Proved milder than 10 leading toilet soaps!

New high standard of Ivory mildness supported by hundreds of patch tests. Technique approved by leading dermatologists

Since the original Ivory Soap of 62 years ago, continuous research on floating soap has gone on in Procter & Gamble laboratories. Year after year, technicians have sought possible ways to improve Ivory. And through the years improvements have been made.

One law, however, has always controlled all improvements in Ivory: *Nothing must be done which could impair the famous Ivory mildness.*

#### Now . . . "New Ivory Soap"

Today we present New Ivory Soap . . . "New" in that it is the sum of many improvements. Together, these improvements produce an Ivory which has shown remarkable superiorities not only in the laboratory and in derma-

tological tests, but actually in homes in two large sales territories for more than a year.

We therefore feel justified in calling these facts to your attention!

**New Ivory Soap is milder than 10 leading toilet soaps.** Ivory has always been bland. It has been found so by medical men in their work with three generations of babies. Today, Ivory not only is milder than ever—but it is actually milder than 10 leading toilet soaps sold in Canada. This fact was shown in hundreds of skin patch tests, with a technique approved by leading dermatologists!

**New Ivory lathers more freely—especially in hard water.** It has al-

ways been difficult to increase the sudsing speed of a floating soap without sacrificing mildness. Today Ivory has accomplished two important improvements—it has *increased mildness* and *increased sudsing speed*.

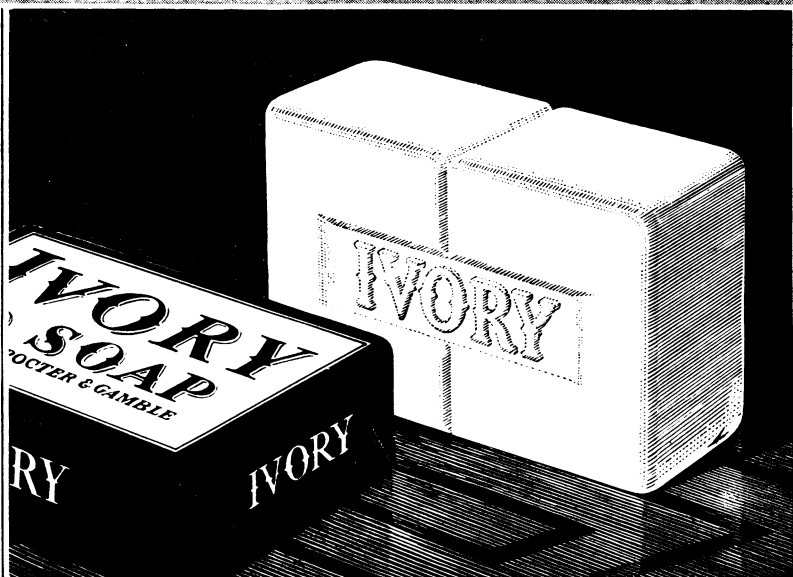
When you try the New Ivory Soap you will notice: New Ivory is whiter, the lather not only foams off the cake more quickly, but feels softer and creamier. Ivory has no strong perfumes—just the famous fresh, clean Ivory smell. We are sure you will enjoy using New Ivory, and will recall its greater mildness when you have occasion to suggest a soap to your patients.

THE PROCTER & GAMBLE CO.  
OF CANADA, LIMITED

PROCTER & GAMBLE • REGISTERED TRADEMARK

**99<sup>44</sup>/<sub>100</sub> %**  
**Pure**  
**It Floats**

MADE IN CANADA

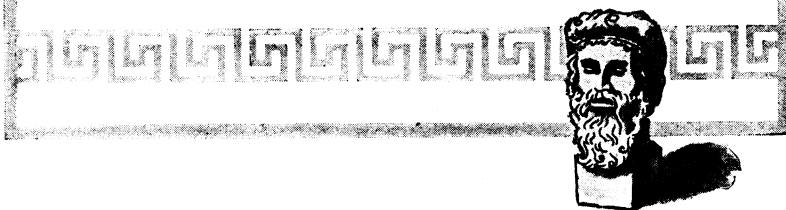




# AN EFFECTIVE MEDICINAL WEAPON AGAINST DEPRESSIONS

*"The greatest mistake in the treatment of disease is that there exist physicians taking care of the body and physicians taking care of the soul, as these ought not to be separated from each other . . . but just this fact is overlooked by the Greek physicians and therefore many diseases escape them, as they never see the whole."*

PLATO—429-347 B.C.



The ancient Greeks suspected the importance of the psychosomatic approach and the recognition of the body-mind relationship.

Mild pathological depressions may accompany a variety of clinical syndromes. In addition to prescribing whatever forms of therapy are indicated for the individual condition, it may also be advisable to treat the underlying or concomitant depression.

If, in the judgment of the physician, treatment of this depression appears advisable, the ad-

ministration of Benzedrine Sulfate Tablets will often prove useful. In depressive psychopathic cases the patient should be institutionalized.

Benzedrine Sulfate Tablets offer "a therapeutic rationale which, in its very efficiency, cuts across the old categories". (Parker, M. M. —J. Abnorm. & Soc. Psych., 34:465, 1939)

Initial dosage should be small, 2.5 to 5 mg. If there is no effect this should be increased progressively. "Normal Dosage" is from 5 to 20 mg. daily, administered in one or two doses before noon.

## BENZEDRINE SULFATE TABLETS

*Brand of Amphetamine Sulfate*

SMITH, KLINE & FRENCH LABORATORIES, PHILADELPHIA AND MONTREAL

Canadian Distributors, THE LEEMING MILES CO., LTD., Montreal



## *Thanksgiving 1941!*

THE Third Thanksgiving of the war! And generally speaking, we in Canada have much to be thankful for.

In contrast to the peoples of so many other once happy countries, we eat and drink what we want . . . wear the clothing we need . . . sleep at night without fear of bombs . . . go about our daily business much as usual.

With thankfulness for the past we can combine confidence in the future. Provided her citizens play their part fearlessly and conscientiously, Canada faces the year ahead with brighter hopes than almost any other nation actively caught up in the maelstrom of war.

●  
Your attention is respectfully drawn to the "Frosst" products briefly described within.

*Charles E. Frosst & Co.* MONTREAL, CANADA

*Frosst*

*The Canadian Mark of Quality Pharmaceuticals Since 1899.*

# "KONDREMUL"

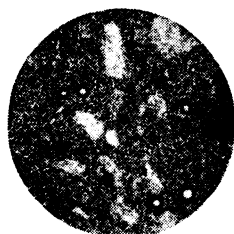
**P**RESENT day treatment of chronic constipation differs greatly from methods used a few years ago. Whereas in the past, evacuation has been forced, causing irritation, modern physicians now use measures to promote natural emptying of the colon by softening the fecal mass.

Kondremul "Fross", due to its smoothness of action, has led the way in this new method of bowel regulation. Following several years study of emulsification processes, our colloidal research chemists found that when Irish Moss was used as an emulsifying agent for mineral oil, a creamy emulsion of microscopic fineness was made possible.

By employing this special process, we have developed in Kondremul, a perfect emulsion with increased ability to resist enzymic and thermal action within the bowels.

Kondremul pours easily from the bottle, mixes well with water or milk, and is pleasantly flavoured, making it easy to take.

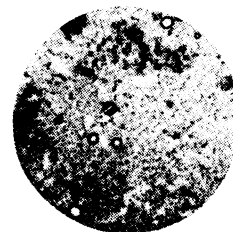
## THE MICROSCOPE REVEALS WHY KONDREMUL IS SUPERIOR



Human feces after ingestion of Kondremul. The oil is intimately mixed with the mass.



Human feces after ingestion of mineral oil. Note the large patches of free oil.



Human feces mixed in vitro with Kondremul. The mixture is almost identical with that of (1), thereby indicating no appreciable amount of breakdown in the emulsion.

WHICH IS BETTER? PRICE AND EQUAL OR

# TYPES OF "KONDREMUL"

Depending on the type of action desired, there is a wide range of usefulness in the three types of Kondremul.

## **KONDREMUL with B<sub>1</sub>**

— A palatable emulsion containing 55% mineral oil in which Irish Moss (*chondrus crispus*) is used as an emulsifying agent. Kondremul with B<sub>1</sub> contains 200 International units of Vitamin B<sub>1</sub> per fluid ounce. Kondremul is inert—may be used as a regulative in children as well as adults.

## **KONDREMUL with Non-Bitter Extract of CASCARA**

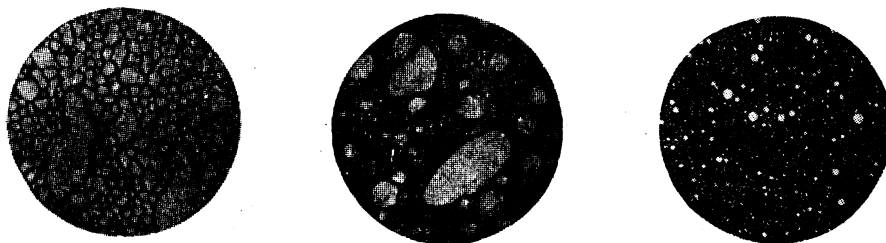
— combines the tonic laxative action of non-bitter Extract of Cascara with the soft bulk of Kondremul.

## **KONDREMUL with PHENOLPHTHALEIN**

— laxative and regulative. Contains 2.2 grs. phenolphthalein per tablespoonful of Kondremul.

**DOSAGE : ADULTS**—one tablespoonful night and morning. Gradually decrease as the condition improves.

**CHILDREN**—one or two teaspoonfuls at night is usually sufficient.



(1 and 2) Poor emulsions showing large globules of oil. (3) An emulsion made with Irish Moss. Note the uniform, fine globules of oil. The oil being in a fine suspension insures a stable emulsion which does not tend to break down in its passage through the gastro-intestinal tract. The result is a soft stool of normal consistency.

*Prescribe these Frosst preparations for  
the treatment of Coughs and Colds*

## **"PINOCODEINE"**

*Cough Syrup*

An admirable combination for the treatment of recent and chronic coughs, acute and chronic bronchitis and like affections of the respiratory tract. Does not diminish the appetite, disturb the stomach nor constipate.

**DOSAGE:**—One to two teaspoonfuls.

## **"IPAPHEN"**

### *A Cough Syrup for Infants*

An agreeable liquid preparation, free from opiates, combining sedative, antispasmodic and expectorate properties. An exceedingly palatable preparation of pleasant aroma and flavour. Reduces frequency and severity of paroxysms in whooping cough.

**DOSAGE:**—(1 to 2 years)  $\frac{1}{2}$  to 1 teaspoonful every 4 hours.  
(2 to 4 years) 1 to 2 teaspoonfuls every 4 hours.  
Older and younger children in proportion.



Literature and clinical specimens of the above products will be mailed on request.  
Physician's signature required.

**Charles E. Frosst & Co. MONTREAL, CANADA**

# MIDY'S PROVEINASE

REGULATOR OF THE VEINOUS CIRCULATION

DISTURBANCES of the MENOPAUSE and at PUBERTY



2 to 6 tablets per day.

LABORATOIRES MIDY, 67 Avenue de Wagram, PARIS, (FRANCE)

Agents for Canada: VINANT Ltd., 533 Bonsecours Street, MONTREAL

THE RADIOLOGIST EXTENDS  
THE SCOPE  
OF HIS DIAGNOSTIC SKILL

## : LIPIODOL

### INDICATIONS

LIPIODOL (Lafay) — the original French iodized oil — may be advantageously used in the roentgenographic exploration of the following systems, with of course proper consideration of suitable technique and contraindications in each case:

1. Broncho-pulmonary apparatus.
2. Uterus and Fallopian tubes.
3. Paranasal sinuses.
4. Bladder, urethra, and seminal vesicles.
5. Lacrimal ducts.
6. Fistulae and abscess cavities.

By the use of a suitable opaque medium, conditions previously obscure may now be accurately visualized. The introduction of LIPIODOL (Lafay) for radiologic exploration has added considerably to the scope of the radiologist. It makes possible radiologic examination of various body cavities and organs which otherwise are not practically amenable to such examination. It facilitates more accurate diagnosis and therefore more efficient treatment.

Samples and literature obtainable from:

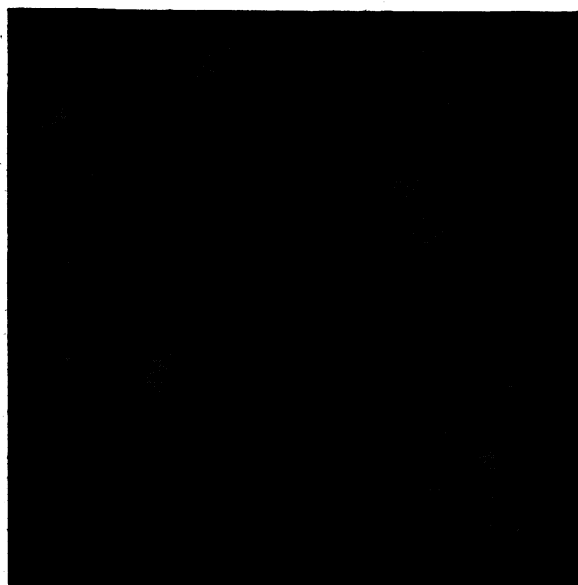
VINANT Ltd., 533 Bonsecours St., MONTREAL  
Sole agents for Canada

### Sub-agents:

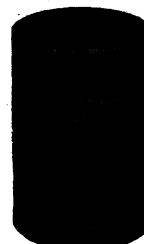
J. H. Keens, 24 Wellington St. W.,  
Toronto, Ont.

F. D. Tucker, 56 Albert St.,  
Winnipeg, Man.

Drug Agencies Ltd., 572 Beatty St.,  
Vancouver, B.C.



*Lipiodol (Lafay) discloses an abscess of the lung.*





# EFFECTIVE THERAPY



## CHRONIC CYSTITIS

Infiltration of plasma cells,  
eosinophiles, and lymphocytes  
in mucosa and submucosa.

★ "183 cases of various urologic conditions were studied for the effect of pyridium on the presenting symptoms."

★ "The results of pyridium therapy were most marked in order enumerated: (1) cystitis, (2) pyelonephritis, (3) prostatitis, (4) urethritis, (5) obstruction, (6) miscellaneous."

★ "The most satisfactory result of pyridium therapy was obtained in the patients with cystitis, prostatitis and pyelonephritis."

(Reynolds, J. S., Wilkey, J. L., and Choy, J. K. L., Clinical application and results of pyridium therapy, Illinois M. J. 78:544-547, Dec. 1940.)

**P**YRIDIUM offers a combination of advantages, in that it possesses minimal toxicity, has a local analgesic effect on the urogenital mucosa, is effective both in the presence of acid and alkaline urine, does not require accessory medication or a special diet to enhance its action, and is conveniently administered in tablet form.

*Literature on request*

**MERCK & CO. LTD.** *Manufacturing Chemists* **Montreal-Toronto**

# Treat ECZEMA

## the Improved New Way



*Prescribe*

## **SUPERTAH OINTMENT**

SUPERTAH Ointment is a white non-staining ointment prepared from a crude coal tar concentrate, uniformly milled in proper proportions to equal either a 5% or 10% crude tar ointment.

"It has proven as valuable as the black coal tar preparation, and the advantage of the diminution of the black color is perfectly obvious."\*

SUPERTAH Ointment "does not stain the skin or clothing, nor does it burn or irritate the skin. We have seen no pustulation following its application. It can remain on the skin indefinitely without fear of dermatitis."\*

Prescribe SUPERTAH Ointment in original 2-oz. jars, either 5% or 10% strength. Free samples on request.

\*Swartz & Reilly, "Diagnosis and Treatment of Skin Diseases." p. 66.

**SUPERTAH**  
(Nason's)

**TAILBY-NASON COMPANY, Kendall Square Station, Boston, Mass.**



Picture ➡



of a

## Vitamin deficiency about to happen

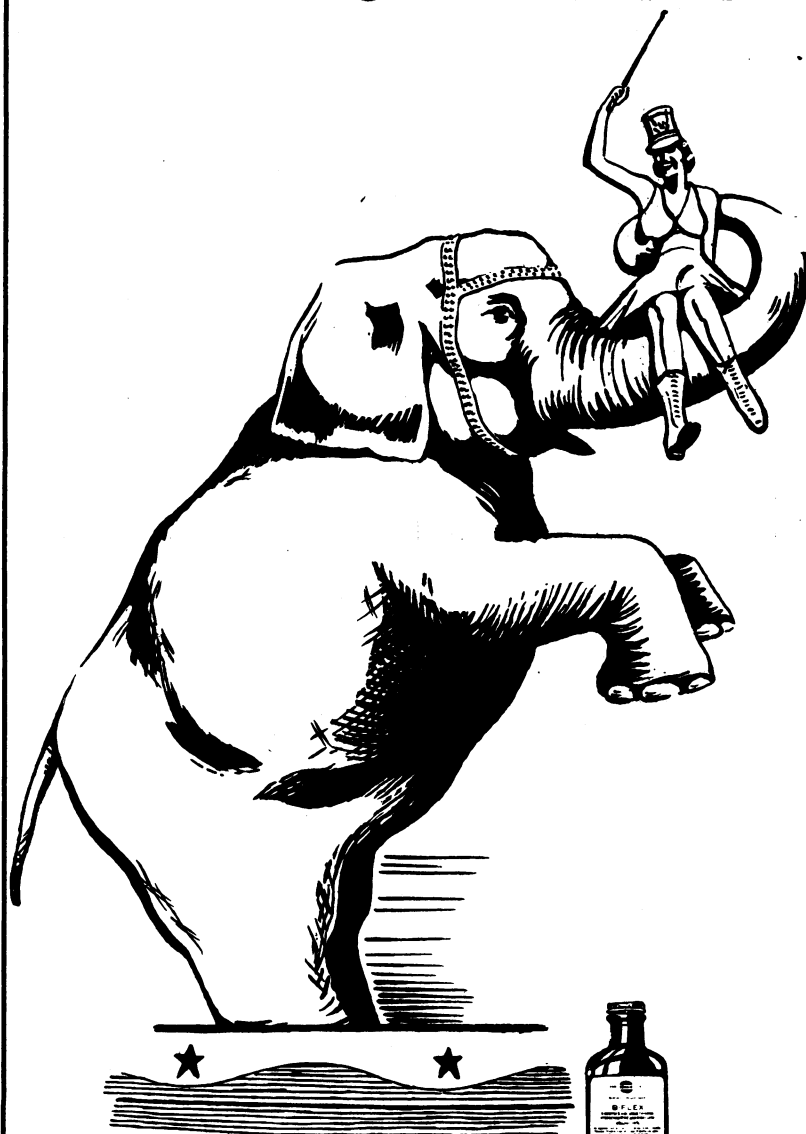
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Morning, noon and night, year in and year out, the food faddist eats his weary way through one scientifically unbalanced meal after another. The result is familiar: The consumer of "Health foods" who fails to achieve at least a partial vitamin deficiency is rare indeed. Nor is the food faddist in a class by himself. The woman on a self-imposed "beauty" or reducing diet . . . the "clock puncher" who hurriedly bolts breakfast and lunch . . . the child with violent likes and dislikes for various foods . . . the person who is careless or ignorant about nutrition . . . all of these and many others constantly run the danger of vitamin deficiency. In such cases, the administration of dependable vitamin supplements is a rational prophylactic measure . . . and more and more frequently Abbott vitamin products are the brand employed. Physicians everywhere have learned that specifying *Abbott* on vitamin prescriptions is the simplest means of guaranteeing that their patients receive all of the units intended. Abbott Laboratories Limited, 20 Bates Road, Montreal.



# BALANCE

IS SO ESSENTIAL!



## B-PLEX

SMACO

*is Balanced  
and Complete*

An aqueous extract of rice bran with crystalline Thiamine Hydrochloride and Riboflavin added so that each cc. will provide:

Thiamine Hydrochloride.....	125 gamma
Riboflavin.....	100 gamma
Nicotinic Acid.....	625 gamma
Vitamin B <sub>6</sub> .....	50 gamma
Pantothenic Acid.....	130 gamma

Also rich in B<sub>2</sub> Complex Residue

### Suggested Dosage

8cc. to 24cc., approximately 2 to 6 teaspoonfuls daily, or as indicated.

Supplied in 8 oz. bottles.

S.M.A.—Biochemical Division

# John Wyeth & Brother (Canada) Limited

WALKERVILLE, ONTARIO



## "BOUND WATER" in the treatment of constipation

The major difference between a normal stool and a constipated stool is that the latter is deficient in water. One objective of corrective treatment in bowel stasis is therefore obvious—to hold water in the feces and prevent

the occurrence of dry, hard-packed, inspissated masses in the bowel.

The agent that has been used effectively to accomplish this purpose is the hydrophilic hemicellulose—

# MUCILOSE

Mucilose takes up approximately 50 times its weight of ingested fluid, yet does not tend to withdraw water from the tissues. Taken with plenty of water,

the hemicellulose in Mucilose will retain its "bound water" during passage through the bowel, softening the fecal residue and overcoming constipation.

•  
*Supplied in 4 oz. glass jars and 1 pound canisters.  
Sample and literature to physicians on request.*

•  
**FREDERICK STEARNS & COMPANY OF CANADA, LIMITED**

*Makers of Kasagra*

**Windsor - Ontario**

**Detroit, Mich.**

**New York, N. Y.**

**Kansas City, Mo.**

**San Francisco, Calif.**

**Sydney, Australia**

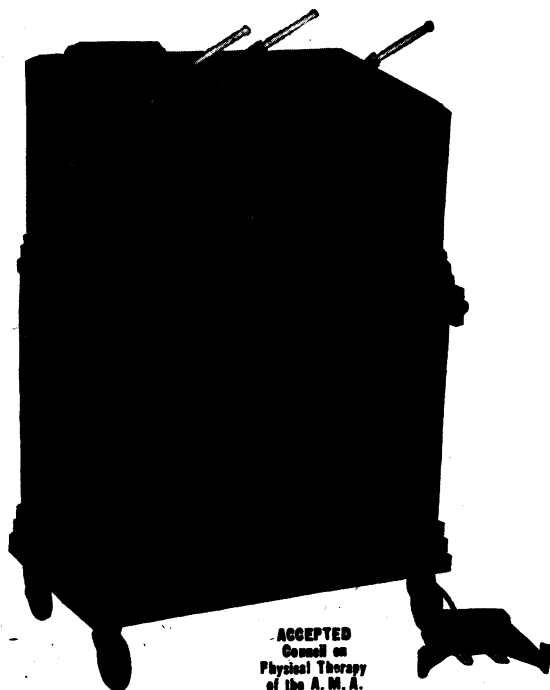
# RECOMMEND IT TO YOUR HOSPITAL

FOR RESECTIONS AND ALL OTHER ELECTRO-SURGERY

THE  
Improved

## DAVIS-BOVIE

### ELECTRO-SURGICAL UNIT



#### RANKS FIRST WITH UROLOGISTS

. . . AND HERE'S WHY!

**It is literally two separate machines in one.** One-half generating a current for electro-cutting; the other half a current for electro-coagulation. Both currents operate at the *peak of effectiveness!*

**Has double treadle foot-switch**—that quickly and easily controls either current without the necessity of moving the position, without taking the hands or eye from the resectoscope—an obvious advantage!

**The hemostatic effect of the cutting current can be varied**—to suit the vascularity of the gland being resected. The separate circuit generates a "best" cutting current for each type of gland.

**A true coagulation current**—generated in another circuit, works at its best and nothing in its performance is sacrificed—something that cannot be accomplished in the simpler, one circuit machines.

The above mentioned features are a few of the many that make the Davis-Bovie the most outstanding electro-surgical unit available. Its effectiveness has led to its general adoption by Urologists everywhere. We will be glad to give YOU details.

### OTHER MODELS OF BOVIE UNITS

In addition to the large Davis-Bovie, the Intermediate and Portable Bovie Electro-Surgical Units are available. The Intermediate Bovie . . . a medium priced machine . . . while not offering the many outstanding features of the Davis-Bovie, will never-the-less very credibly handle all types of minor and major electro-surgery, including prostatic resection. The small Portable Unit . . . the most moderately priced Bovie ever offered, can be used in the office . . . and be carried to the hospital. It is available in both 3 and 4-Gap Models . . . and is *effective and dependable* for either office or hospital use.

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HYDRO APPROVED CANADIAN MADE EQUIPMENT

## FERRANTI ELECTRIC LTD.

X RAY DIVISION

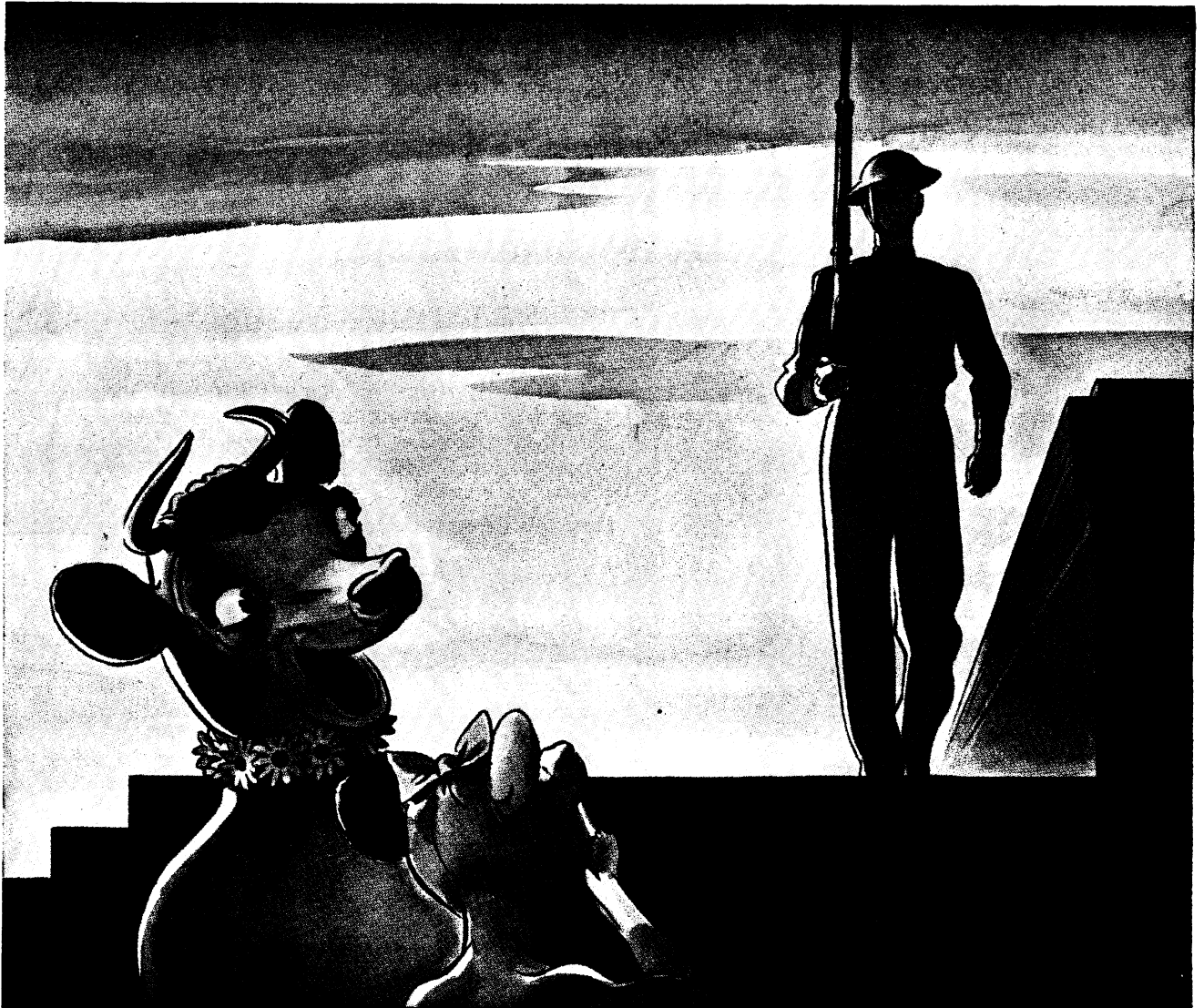
TORONTO 9, ONTARIO

MONTREAL

TORONTO

WINNIPEG

VANCOUVER



## *"We've always admired Sentries!"*

said **ELSIE**

"CERTAINLY we have, mommy!" agreed Little Beulah. "Just *why* is that?"

"Why, my dear," Elsie the Borden Cow reminded her, "it's because of the tireless, all-year-round watch that our own 'sentries' keep over our entire careers. The Borden experts and scientists are always on guard to protect the purity and wholesomeness of Borden's Bottled Milk."

"They watch *every* product made from our milk, too, don't they?" said Beulah.

"Indeed they do, dear. Every one of

them — they safeguard Borden's MelOrol Ice Cream that comes in delicious individually wrapped servings, Borden's irradiated evaporated milk (Silver Cow and St. Charles brands), Klim powdered whole milk, Powdered Lactic Acid Milk, Powdered Protein Milk, irradiated Dryco, and Beta Lactose which is more palatable than ordinary milk sugar."

"We certainly must have lots and lots of smart sentries to guard all *those* products, mommy!" moaned Beulah.

"We *have* lots of them, my dear!"

Elsie assured her, "and they have to be wonderfully skilled and painstaking to guard and guarantee the unchanging purity and reliability of our prescription products."

Borden experts, scientists and laboratory workers exercise an eternal vigilance over the quality and purity of all Borden products, from the farm to the placing of the product in the consumer's hands. That is one reason why "Borden" is such a reassuring name on any milk product you may prescribe.

# THE BORDEN COMPANY LIMITED

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**THE MACMILLAN COMPANY OF CANADA**

LIMITED

70 Bond Street

Toronto

**JUST PUBLISHED****WHITE and SMITHWICK—****Autonomic Nervous System..... \$6.75****ASHMAN and HULL—Essentials of****Electro-cardiography, 2nd edn. \$5.00****TO BE PUBLISHED IN OCTOBER****LEWIN—The Foot and Ankle.****ANDERSON and ARNSTEIN—****Communicable Disease Control.****CASE—Your Personality—****Introvert or Extravert.****ANNOUNCEMENT**

**BAILEY—Surgery of Modern Warfare** originally designed in six parts will now be published in five parts. The price of Part V will be \$5.25 and will incorporate the material expected to appear in Parts V and VI. The complete work bound will be available for \$22.50.

Write to

The Macmillans in Canada for them

**Classified Advertisements**

**HOUSE SURGEON WANTED** (284 beds).—A duly qualified Medical Practitioner for the appointment of House Surgeon, which will become vacant on 25th November, 1941. Preference will be given to candidates who have had experience in administering anaesthetics. Salary £325 per annum, with quarters fully furnished for a single man, free water, lighting allowance and no local rates. The appointment, which is renewable, will be for either 3, 2 or 1½ years, subject to three months' notice on either side to terminate the engagement. Candidates must state whether they wish to engage for 3, 2 or 1½ years. First class single passage direct to Barbados will be paid by the Hospital Board, a proportionate part to be refunded if the term of service for which the candidate is engaged be not completed. Applications, stating age and date of graduation, accompanied by a recent photograph, a medical certificate of physical fitness at the time of application and recent professional and personal testimonials will be received up to 21st October, 1941, and should be addressed to the Medical Superintendent, General Hospital, Barbados, B.W.I., from whom further particulars may be obtained. Canadian graduates must hold qualifications registrable in England. Candidates holding a United States degree must be registered in the State of New York. By Order, W. Goodman, Secretary.

**DOCTOR WANTED.**—Competent doctor wanted by Canadian Mining Company located in the Province of Quebec. Good salary and living accommodation. Applicants must supply full details as to qualifications and references. Apply Box 375, Canadian Medical Association Journal, 3640 University Street, Montreal.

**ASSISTANT WANTED.**—Medical practitioner, male or female, required as assistant, mixed general practice, Jamaica, B.W.I. Salary offered suitable applicant \$160.00 monthly. Applicant must state age, experience, submit three professional testimonials with photograph. Local registration requirements are English degrees or Nova Scotian registration. Island offers ideal winter climate, practice offers clinical experience all branches particularly eyes, ears, nose and throat and venereal diseases. Apply Box 374, Canadian Medical Association Journal, 3640 University Street, Montreal.

**ASSISTANT WANTED.**—Young doctor wanted as assistant. Must have at least one year's internship. Location is in an eastern Ontario town 1½ hours from Montreal. All modern hospital facilities. State training and all details in applying. Good salary with commission. Apply Box 373, Canadian Medical Association Journal, 3640 University Street, Montreal.

**POSITION WANTED.**—Technician (male). X-ray and electro-therapist, over ten years' experience, married, not subject to military call. Apply Box 372, Canadian Medical Association Journal, 3640 University Street, Montreal.

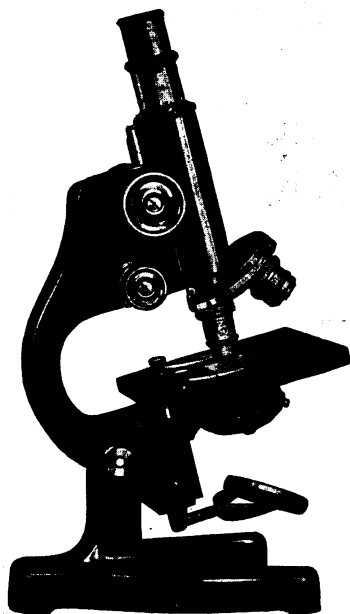
**NURSING HOME.**—Wood Royal: A licensed nursing home pleasantly situated at 58 Huntley Street, Toronto (Ra. 5706); registered nurse in charge. Exceptionally good meals, kind treatment and necessary nursing care. Patients make use of large, sunny yard. Rates are reasonable. Convalescents including old people.

**MEDICAL PRACTICE FOR SALE.**—Well established medical practice, equipment, library, etc. of the late Dr. Samuel McCallum of Niagara Falls, Ontario. For further particulars apply to The Toronto General Trusts Corporation, 253 Bay Street, Toronto, or Mrs. Sara McCallum, Niagara Falls, Ontario.

**PRACTICE FOR SALE.**—Western general surgical and medical practice for sale. Cash income per year over \$6,500. Home and drug store just built this month. Leaving to join clinic. Apply Box 371, Canadian Medical Association Journal, 3640 University Street, Montreal.

**FOR SALE.**—Good practice and property at St. Catharines, Ontario. Home of Doctor for twenty years. Excellent eight-roomed house, hot water heating with oil burner. Office comprising three rooms fully furnished. Cash preferable but reasonable terms may be arranged. Apply Box 376, Canadian Medical Association Journal, 3640 University Street, Montreal.

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We purchase for  
cash microscopes  
of recent design  
which can be  
Rebuilt.

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CARVETH  
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**COLUMBIA UNIVERSITY in the CITY of NEW YORK**

Faculty of Medicine

**SYMPOSIUM ON GENERAL SURGERY**

October 27-31, 1941

Full-time symposium designed to offer a review of recent developments in general surgery, reflecting the experience of representative metropolitan clinics. Meetings will be held at the Babies, The Mount Sinai, New York Post-graduate, Presbyterian, and Roosevelt Hospitals. The various subjects will be presented by lectures, demonstrations, operative and non-operative clinics. Although clinical and pathological aspects will be emphasized, basic anatomical and physiological principles underlying the subjects under consideration will be discussed.

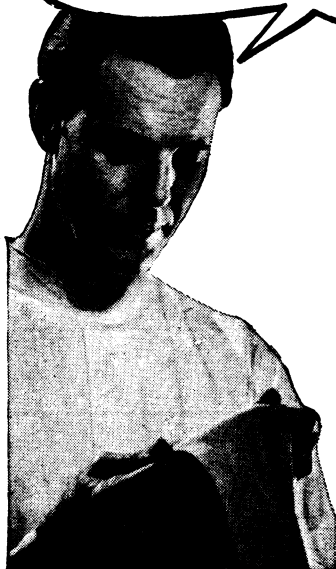
Registration will be limited to  
twenty qualified general surgeons

**FEE \$75**

For information about this and other courses, and for application, address:—The Dean of the School of Medicine, 630 West 168 Street, New York, N.Y.

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NO PATIENT WILL OBJECT TO  
THESE SILK-LIKE  
*Elastic Stockings*



Bauer & Black Elastic Stockings have two-way stretch—assure perfect fit and are easily adjustable for tension.



## Give Correct Support . . . Yet Inconspicuous and Comfortable

• We believe that you will find these new Bauer & Black Elastic Stockings most satisfactory from every point of view. They give correct support yet your patients will be pleased because these stockings are light, cool, comfortable and good looking.

Made of "Lastex" yarn they are easily adjusted for tension and give perfect fit. We carry all sizes and styles of Bauer & Black Elastic Stockings for men and women. Write today for prices, free descriptive folder, and illustrated fitting chart.

Bauer & Black Elastic Stockings are offered in the popular beige color that makes them inconspicuous under regular hose.



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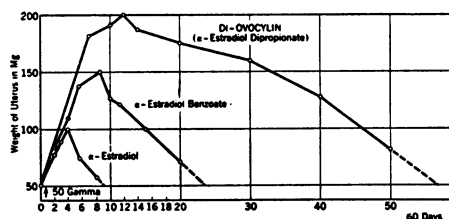
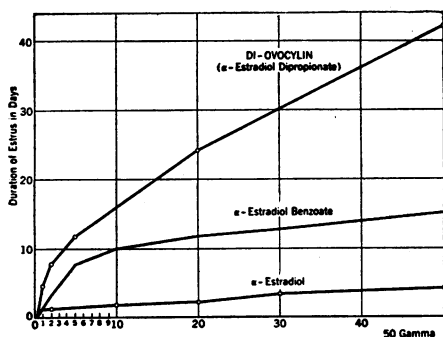
SUTURES

•

ORTHOPÆDIC PRODUCTS

## DI-OVOCYLIN "CIBA"

In CIBA'S Research Laboratories it was shown in 1936 that the effect of testosterone, the male sex hormone, could be prolonged by its esterification. Then, in 1938, in the same institution, numerous new esters of oestrone and oestradiol were also prepared, their properties studied, and it was found that although most of them showed fairly intensive and prolonged effects in the "oestrus" and "oestrus growth" tests, the action of oestradiol dipropionate or **DI-OVOCYLIN**, was outstanding. (Biochem. J. 32: 141 and 725, 1938). This ester exhibits in addition to a low threshold value, a very intense and prolonged effect in proportion to the dose used. For instance, the chart at the left shows the duration of oestrus produced in castrated rats by oestradiol, oestradiol benzoate and oestradiol dipropionate (**DI-OVOCYLIN**). The chart at the right illustrates the effect of the same oestrogens on the uterine weight of castrated rats.



Clinically speaking, **DI-OVOCYLIN** has the same indications as the previously known follicular hormone preparations. It, nevertheless, has the advantage over these that, with equal dosage, its effect is more intense — more prolonged — it is better utilized, and its absorption is slower.

**DI-OVOCYLIN**, weight for weight, in comparison to other follicular hormones, requires fewer injections, affording greater convenience, economy and comfort to the patient. **THE MOST ACTIVE OESTROGENIC SUBSTANCE, DI-OVOCYLIN, IS THE LEAST EXPENSIVE ONE.**

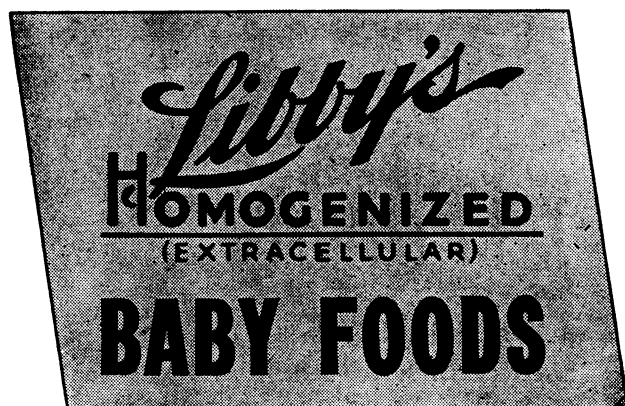
(Clinical references: *Am. J. Obst. & Gyn.*, Sept. 1939, *Endocrin.*, Vol. 24, No. 4, April, 1939 and Vol. 27, No. 1, July, 1940, etc.)

Issued: In ampoules of 0.1, 0.2, 1, 2.5 and 5 mgrms.

**CIBA COMPANY LIMITED - MONTREAL**



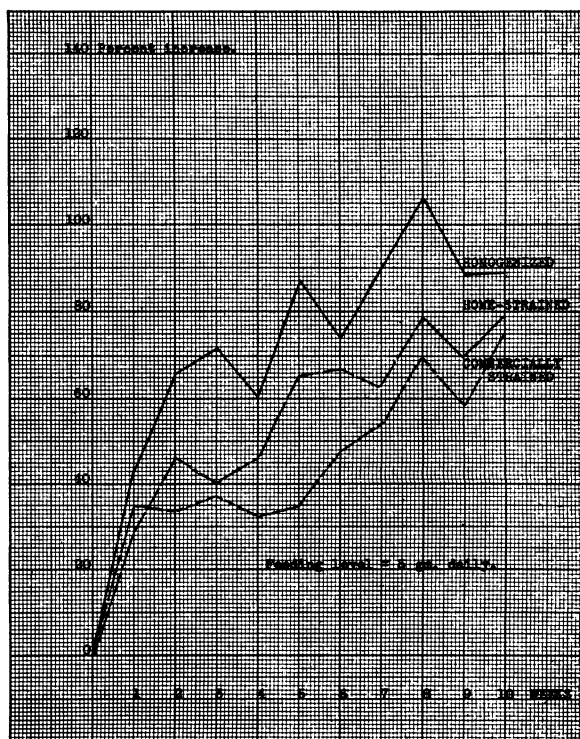




## HELP KEEP HEMOGLOBIN AT INITIAL LEVEL

Research indicates that the hemoglobin content of the blood of small babies, although high at birth, falls rapidly until it reaches a low point at an early age. Vegetables and fruits contain the iron and copper needed to combat this nutritional anemia, but, because of the possibility of digestive upsets, many doctors hesitate to recommend them as a regular supplement to the diet of a very young infant.

Now, early feeding of vegetables and fruits is possible, thanks to Libby's exclusive Homogenization process, for Libby's Homogenized Baby Foods have been fed to babies as young as six weeks with no harmful effects. Libby's Homogenization process breaks up coarse fibres and food cell walls—releasing



Percentage increase in hemoglobin of rats above anemia level after addition of vegetables to milk diet.

the nutrient inside the cell wall for contact with the digestive enzymes.

In-vitro digestion tests showed not only that Libby's Homogenized Vegetables digested far more completely in 30 minutes than strained vegetables in two hours, but also yielded more nutriment than an equal amount of either commercially- or home-strained vegetables. Tests showed anti-anemic minerals in these foods are thus made more readily available to the infant.

### FREE SAMPLES

and descriptive literature will be mailed on request to physicians and pediatricians. Please address your requests to Libby, McNeill & Libby Laboratories, Chatham, Ontario.

## 10 BALANCED BABY FOOD COMBINATIONS:

These combinations of Homogenized Vegetables, cereal, soup and fruits make it easy for the Doctor to prescribe a variety of solid foods for infants

- 1 Peas, beets, asparagus.
- 2 Pumpkin, tomatoes, green beans.
- 3 Peas, carrots, spinach.
- 4 Whole milk, whole wheat, soya bean flour.
- 5 Prunes, pineapple juice, lemon juice.
- 6 Soup—carrots, celery, tomatoes, chicken livers, barley, onions.
- 7 A meatless soup—consisting of celery, potatoes, peas, carrots, tomatoes, soya flour, and barley. Can be fed to very young babies.
- 8 An improved fruit combination—Bananas, apples, apricots are combined to give a nutritious fruit combination that is very tasty.
- 9 An "all Green" vegetable combination—Many doctors have asked for this. Peas, spinach and green beans are blended to give a very desirable vegetable product.
- 10 Tomatoes, carrots and peas—These give a new vegetable combination of exceptionally good dietetic properties and flavour.

And In Addition, Three Single Vegetable Products Specially Homogenized

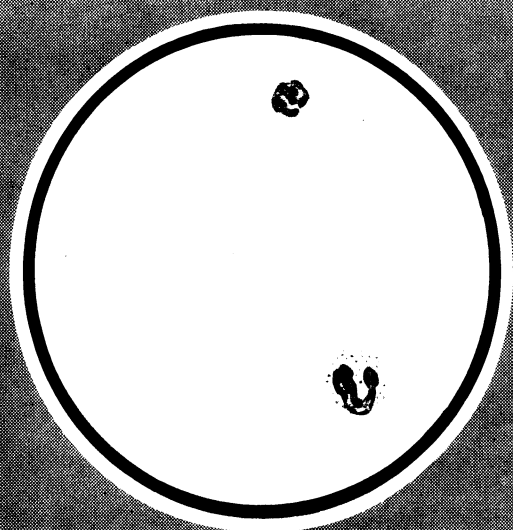
**CARROTS—PEAS—SPINACH and  
LIBBY'S HOMOGENIZED EVAPORATED MILK**

Made in Canada by

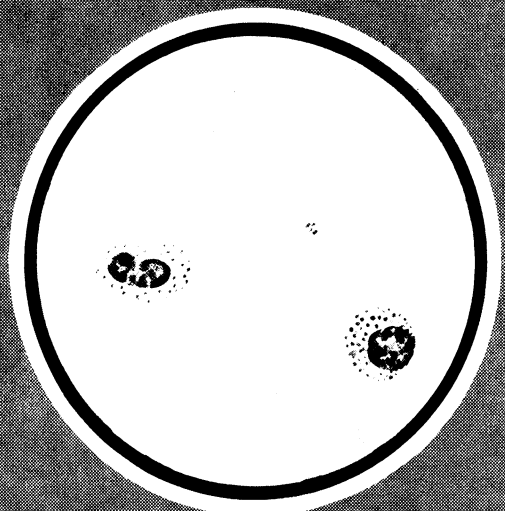
**LIBBY, McNEILL & LIBBY OF CANADA LIMITED, Chatham, Ont.**

# FERTINIC

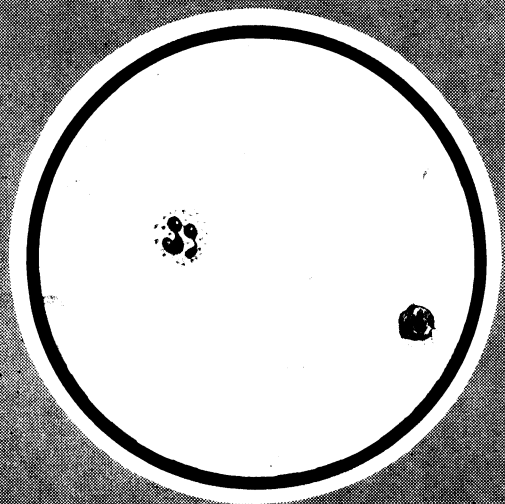
*and the Anemias*



Hypochromic microcytic anemia; low C.I., cell diameter 6 $\mu$  or less.



Normocytic normochromic anemia; Hgb and R.B.Cs decreased proportionately C.I., 0.9 to 1.0.



Normal Blood picture. C.I., 1.0 to 1.1, R.B.Cs, 7 to 8 $\mu$ .

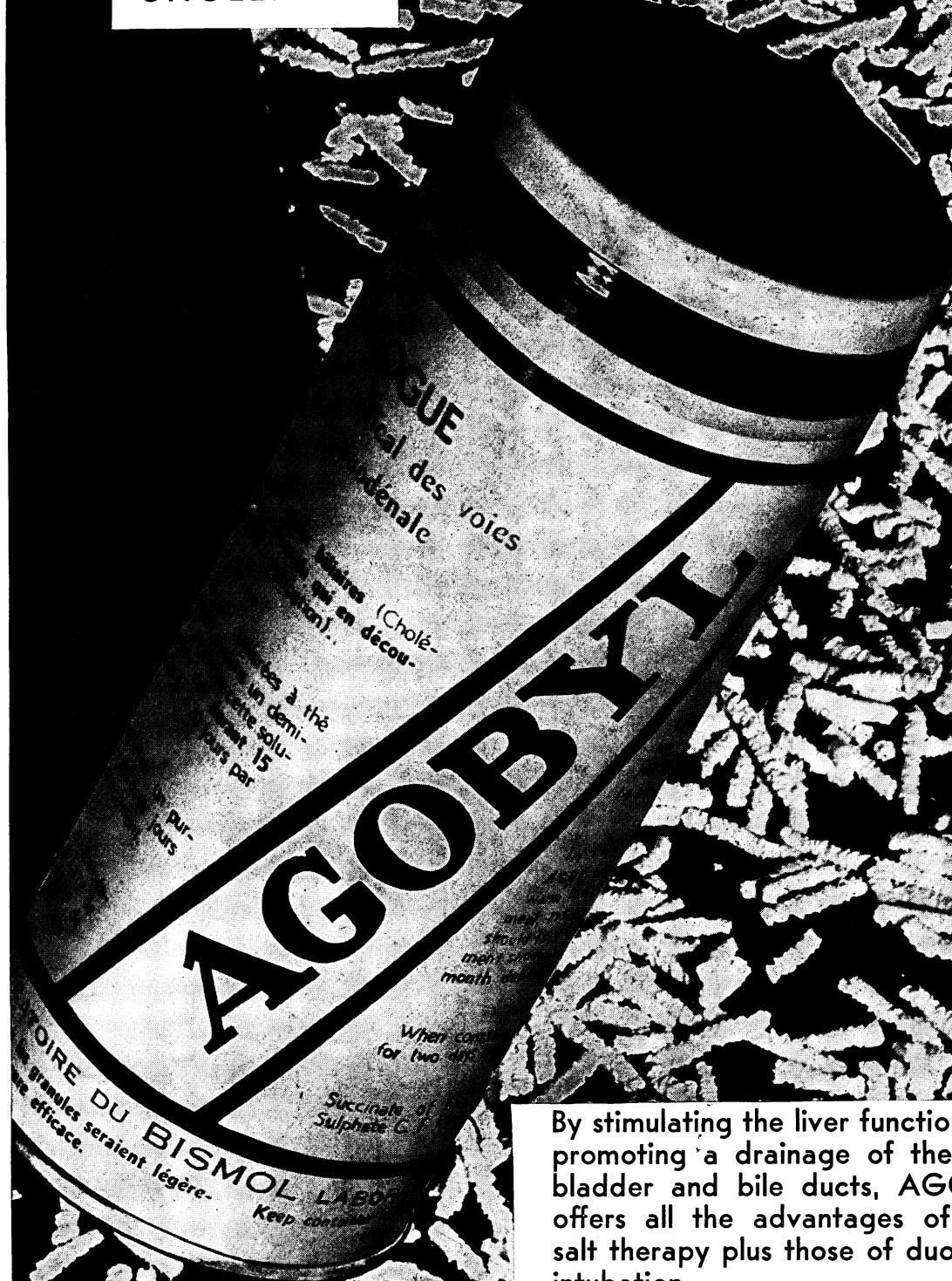
Fertinic = maximum absorption + maximum utilization + rapid haemoglobin regeneration (1% to 2% a day).

*Samples and Literature on request*



**The Bismol Laboratory**  
(DesBergers Pharmaceutical Co.)

CHOLAGOGUE  
AND  
CHOLERETIC

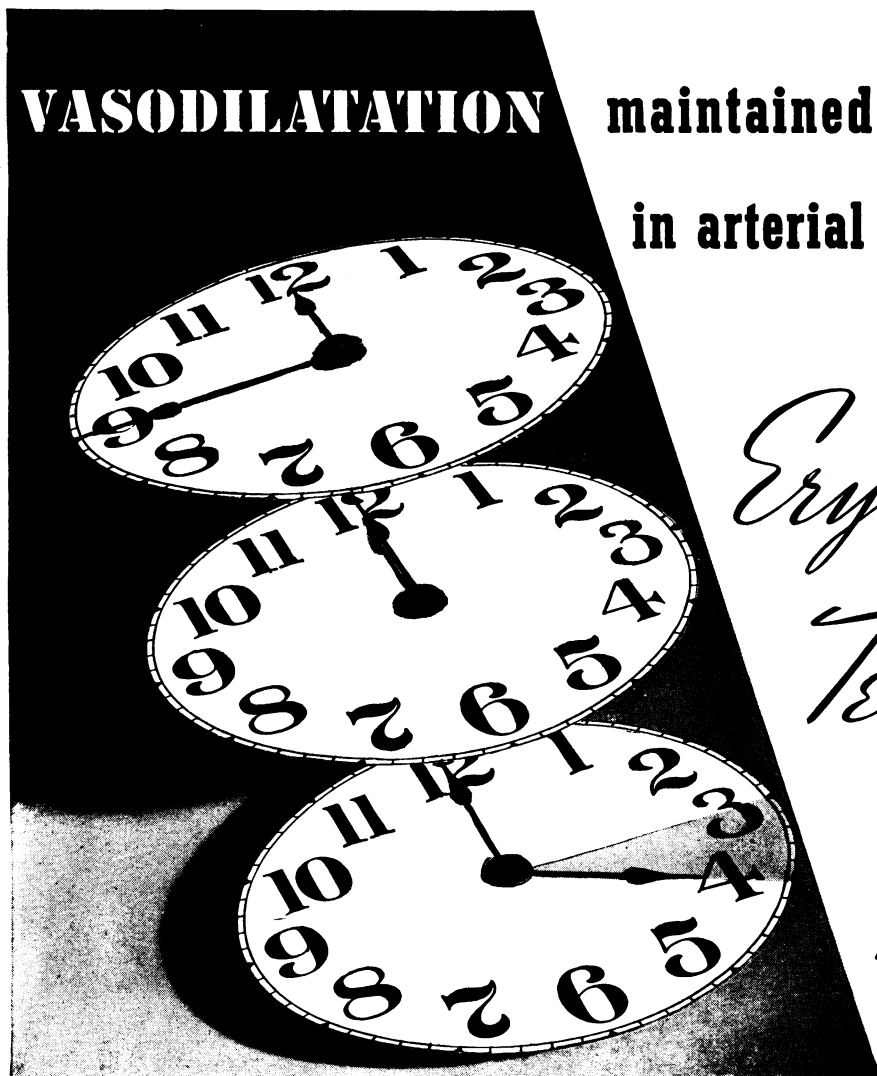


By stimulating the liver function and promoting a drainage of the gall-bladder and bile ducts, AGOBYL offers all the advantages of bile-salt therapy plus those of duodenal intubation.

1 to 3 teaspoonfuls, in  $\frac{1}{2}$  tumbler of water, 20 minutes before breakfast for 12 consecutive days.

**VASODILATATION**

**maintained for several hours  
in arterial hypertension with**



*Erythrol  
Tetranitrate  
Merck*

● Erythrol Tetranitrate, possibly in part because it must be reduced to the nitrite ion before its effect becomes apparent, produces a vasodilatation which persists for several hours following the administration of a single, therapeutically effective dose. This action suggests its use in the treatment of arterial hypertension where rest and other measures have been unsuccessful. By dilating the peripheral arterioles, Erythrol Tetranitrate tends to relieve the burden on the heart. Although the causative mechanism remains unaltered, a more favorable circulatory condition is established.

The vasodilator action of Erythrol Tetranitrate Merck usually begins within about fifteen minutes after administration and persists for a period of 3 to 4 hours. This effect of prolonged vasodilatation, beginning within a short time after oral administration, is not obtained with any other of the commonly used nitrites.

**Indications and dosage:** Erythrol Tetranitrate Merck is indicated in cases where gradual and prolonged vascular dilatation is desired, as for the reduction of blood pressure in arterial hypertension, and for the prophylaxis and relief of attacks of angina pectoris.

The average dose is  $\frac{1}{2}$  to 1 grain (0.03-0.06 Gm.) in tablets as marketed, every 4 to 6 hours. The dose found appropriate in the individual case may be continued over a prolonged period of time with more sustained effect than with other commonly employed nitrite vasodilators. As with nitrites in general, its use may not infrequently be followed by headache.

Erythrol Tetranitrate is supplied as  $\frac{1}{4}$  grain tablets in vials of 50 and bottles of 500, and as  $\frac{1}{2}$  grain tablets in vials of 24 and 100, and bottles of 500.


*Literature on Request*

**ERYTHROL  
TETRANITRATE  
MERCK**

(Erythrityl Tetranitrate)

**For Prolonged  
Vasodilatation  
in Hypertension**

**COUNCIL  
ACCEPTED**

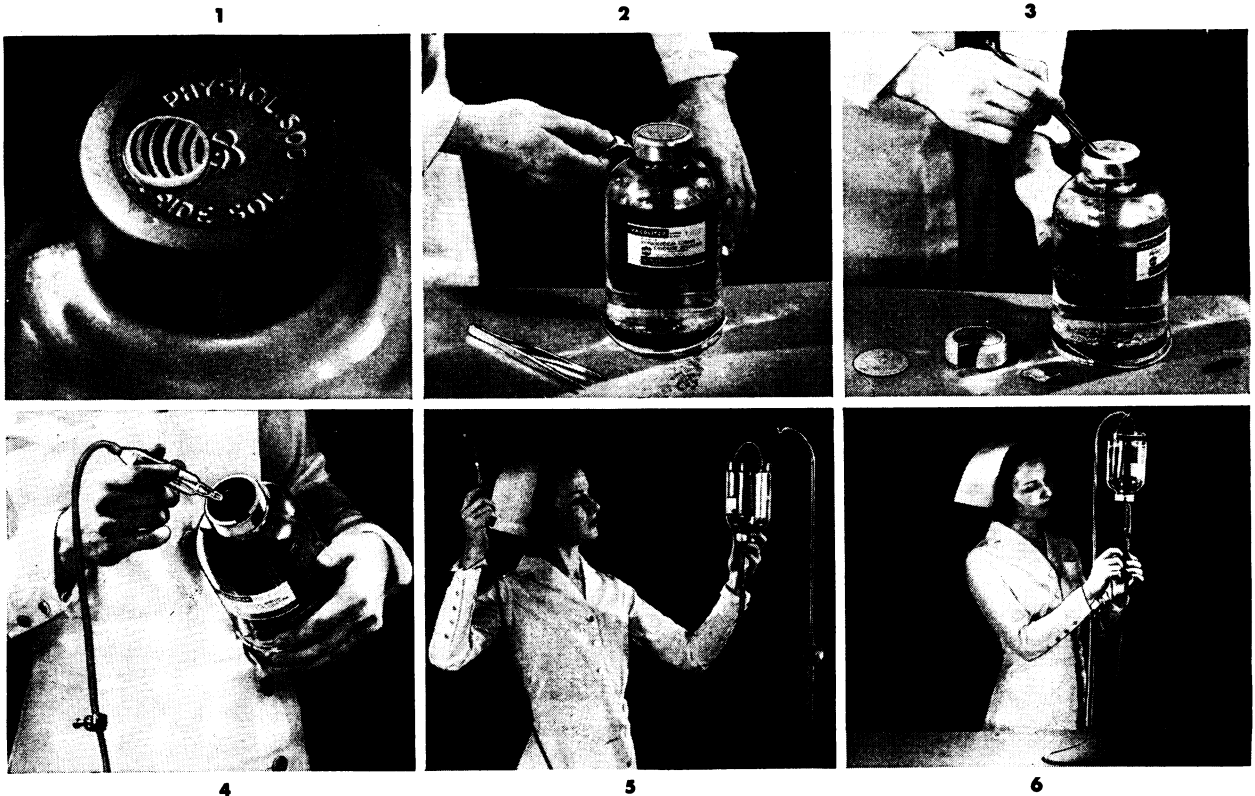


**MERCK & CO. LIMITED**

*Manufacturing Chemists*

**MONTREAL, QUE.**



PRODUCTS OF **BAXTER** LABORATORIES**BAXTER SIMPLICITY****. . provides greater safety in intravenous administration**

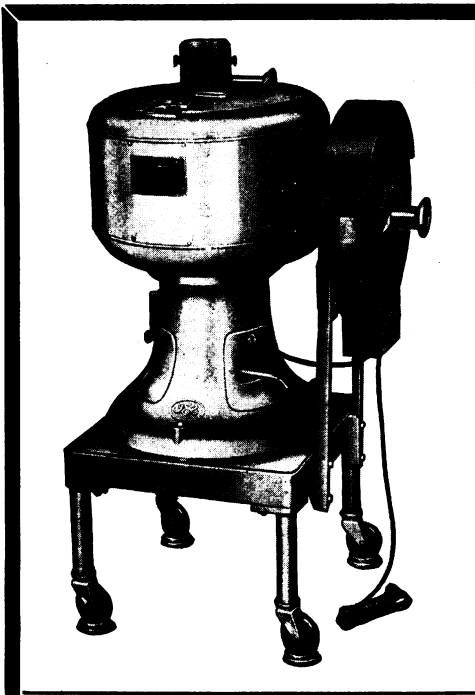
1. DISC IDENTIFIES SOLUTION.
2. TEAR OFF METAL TAB.
3. REMOVE DIAPHRAGM.
4. INSERT VACODRIP.
5. CLOSE SHUTOFF, INVERT.
6. REGULATE FLOW.

Administration of parental solutions from the Baxter Vacoliter is simple. There are no complicated attachments; and no *special* precautions against contamination are necessary.

Two depressions in the rubber diaphragm indicate that the vacuum is intact, and the solution fresh, pure and uncontaminated. Purity, sterility and non-pyrogenic qualities are proved by 21 rigid chemicals, biological (with laboratory animals) and bacteriological tests and inspections.

Baxter solutions are available in a complete range of types, percentages and sizes to meet every recognized professional requirement. Sodium Chloride, Dextrose, Ringers, Lactate-Ringers, Acacia, 1/6 Molar Sodium Lactate, Sulfanilamide and Sodium Citrate.

**BAXTER LABORATORIES OF CANADA LIMITED, ACTON, ONT.***Sole Canadian Distributors:***INGRAM & BELL**  
LIMITEDPHARMACEUTICALS, SURGICAL INSTRUMENTS, PHYSICIANS, HOSPITAL  
and LABORATORY SUPPLIES**MONTREAL - TORONTO - WINNIPEG - CALGARY**



## *The Popular Centrifuge of Intermediate Size— with a 20-year record*

The *Size 1, Type SB Centrifuge* is a most popular model, of intermediate size, because it has ample capacity and speeds for routine hospital laboratory work. Many have been in constant service for twenty years with the *original International features* such as the brush release and brake mechanism, protective starting and low voltage release on rheostat, the flexibly mounted universal motor and the indicating tachometer.

## **THE INTERNATIONAL SIZE 1, TYPE SB CENTRIFUGE**

### *Features:*

- Speeds to 5,000 r.p.m., depending upon equipment used.
- Capacity to 1 litre.
- Adaptable to wide variety of accessory equipment.
- Practically vibrationless, with motor cushioned in rubber.
- Brush release and hand brake.
- Indicating Tachometer.
- 50 step speed control.
- Fully enclosed motor—for added safety.
- Portable stand of rugged construction.

*Send for  
Bulletin C1*

## **INTERNATIONAL EQUIPMENT CO.**

354 WESTERN AVENUE    *Makers of Fine Centrifuges*    BOSTON, MASS., U.S.A.

*A typical Lederle development—***SERUM REFINING**

SERUM SICKNESS used to be a serious obstacle to the successful application of serotherapy. So great was the fear of these reactions that at times the patient was even deprived of life-saving treatment.

From 1906 to 1934 the "salting out" method of serum refining was virtually unchanged. It remained for Lederle's staff, long experienced in the problems of serum production, to establish firmly the value of a new process of serum refining. This process, based upon the phenomenon of peptic digestion, removes up to 90% of the troublesome proteins believed responsible for untoward serum reactions. Globulin Modified Antitoxins refined by this method may be expected to cause a minimum of reactions. They are higher in potency, smaller in volume and of greater clarity than previous antitoxins.

But serum refining is only one of many Lederle biological achievements. Antitoxins, serums, vaccines and toxoids from Lederle's 200-acre serum farm protect countless individuals from the ravages of disease all over the world.

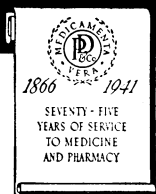
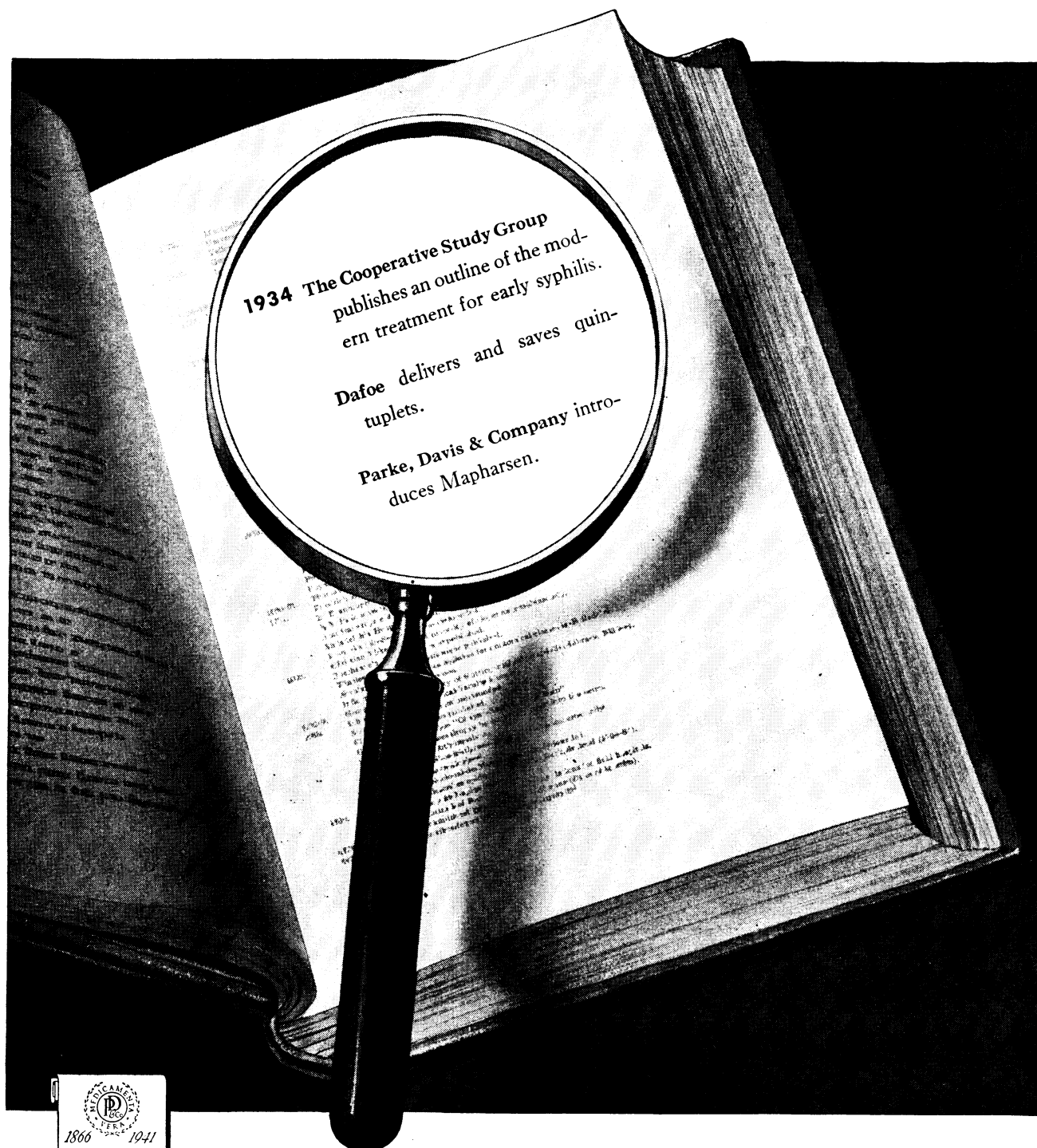
**LEDERLE LABORATORIES, INC.**

1396 St. Catherine St., West, Montreal, Quebec  
Lederle Laboratories Depot, 64-66 Gerrard St. E., Toronto, Ontario, Canada  
Lederle Laboratories Depot, 219 Kennedy St., Winnipeg, Manitoba, Canada  
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# These names, these years have helped make modern medical history

One of a series of advertisements commemorating three-quarters of a century of progress and achievement



## PARKE, DAVIS & COMPANY

PIONEERS IN RESEARCH  
ON MEDICINAL PRODUCTS





The illustration shows a young girl with dark hair in a bun, wearing a dark dress with white polka dots and a bow at the back. She is sitting on a bicycle and holding a small bottle of 'S. T. 37' Antiseptic Solution. She is applying the solution to the knee of a young boy who is sitting on the ground. The boy is wearing a dark sweater and shorts. The background is a simple, light-colored rectangular area.

## The Ideal Antiseptic for Children

**'S. T. 37' Antiseptic Solution provides high germicidal activity, low tissue toxicity without burning or irritation**

**M**OST CHILDREN fear antiseptics which burn and sting when applied to an open wound. This fear is overcome when 'S. T. 37' Antiseptic Solution is used, because it does not burn or sting but, rather, it exerts a mild surface analgesic effect which relieves pain in the injured area and encourages the co-operation of the child with the physician.

'S. T. 37' Antiseptic Solution is well suited to the treatment of minor or severe burns in children. When applied by spray or in the form of wet dressings, it relieves the pain through its surface analgesic action and aids in preventing secondary infection.

'S. T. 37' Antiseptic Solution is supplied in five and twelve-ounce bottles.

**'S. T. 37' Antiseptic Solution** *Sharp & Dohme (Canada) Ltd.*  
TORONTO



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"Specialist" Bandages and Splints permit quick, accurate fashioning of a supportive embracement in the exact size and shape desired. They combine lightness and strength. "Specialist" material is crinoline impregnated with plaster of Paris, and hard-coated. Supplied in convenient sizes. ORDER FROM YOUR DEALER.

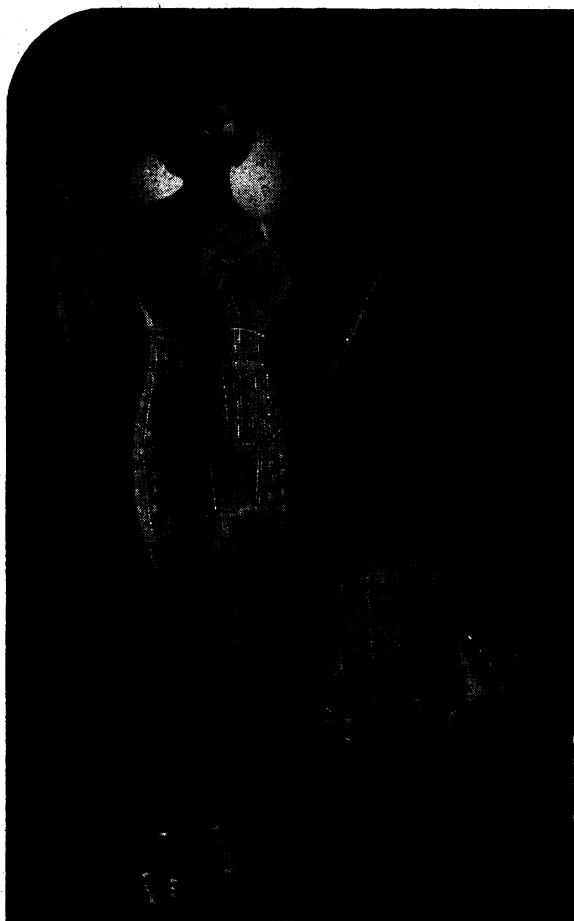
*Johnson & Johnson*  
LIMITED MONTREAL

*World's Largest Makers of Surgical Dressings*

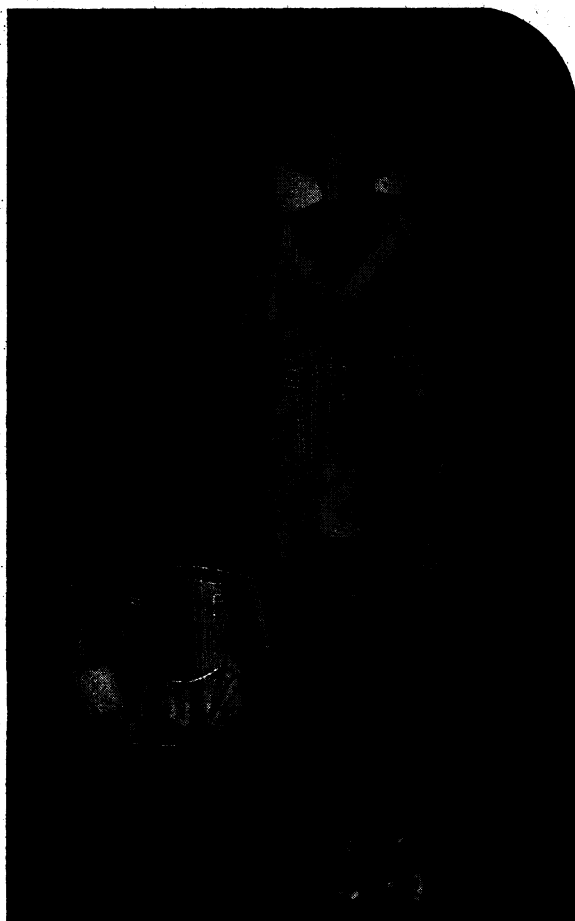
**"SPECIALIST" BANDAGES & SPLINTS**



# New Groin Line Supports



For the patient of intermediate type-of-build with lesser degree of pendulous abdomen. Useful after incisions in the upper abdomen and for umbilical and ventral hernia.

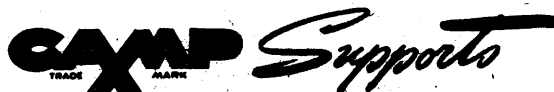


For the obese patient of stocky type-of-build with pendulous abdomen. The old-fashioned front stay is appreciated by some patients.

**W**HEN we consider the anatomy and mechanics of the lower abdomen, we are compelled to admit that groin line supports are of especial value for many patients. Nevertheless, large numbers of women demand supports that come down over the thighs.

We have recently developed these groin

line supports that cover the thighs. The conversion into thigh line garments is accomplished by an overlapping piece of material coming from the hip seam and fastening separately at the side. Elastic releases make for comfort and the Camp adjustment assures of no constriction of the abdomen.



**S. H. CAMP & COMPANY OF CANADA, LTD.**


*Manufacturers*

*Windsor, Ontario, Canada*

World's Largest Manufacturers of Surgical Supports

Offices at 19 Hanover Square, London, W. 1, England; Jackson, Michigan;

330 Fifth Avenue, New York; Merchandise Mart, Chicago



## SELECTIVE CHEMOTHERAPY

**F**or antibacterial chemotherapy there are available a number of related compounds. All have proved highly useful though they differ somewhat in their selective action against the various pathogenic organisms.

Neoprontosil is especially effective against hemolytic streptococci and is of particular value in many infections which are encountered commonly in everyday practice.

Because of its bactericidal action against the invaders of the urinary tract Neoprontosil is efficacious in infections caused by colon, aerogenes and dysentery bacilli and hemolytic streptococci.

Neoprontosil is also employed in some conditions requiring prolonged treatment, particularly ulcerative colitis, because of its relatively lower toxicity.

### ORAL AND PARENTERAL MEDICATION

For oral use, Neoprontosil is supplied in tablets of 5 grains and capsules of 3 grains, and for parenteral administration in ampules and in bottles of 2.5 per cent solution and 5 per cent solution.

# NEOPRONTOSIL

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Brand of AZOSULFAMIDE

Disodium 4-sulfamido-phenyl-2-azo-7-acetyl-  
amino-1-hydroxynaphthalene 3,6-disulfonate

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*Pharmaceuticals of merit for the physician*

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# Announcing PRIMICOL— THE PHYSICIAN'S NEW, SIMPLIFIED, TIME-SAVING TEST FOR PREGNANCY!

## 4

### OUTSTANDING ADVANTAGES

● **EASE OF ADMINISTRATION**—Primicol (Sherman) is injected intradermally into the arm of patient by the physician with no delay—with no other procedure or laboratory technique required.

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● **NEW ECONOMIES**—Primicol saves time for both physician and patient; it obviates tedious, expensive laboratory work; it is obtainable by physicians; is moderately priced for stocking by the physician.



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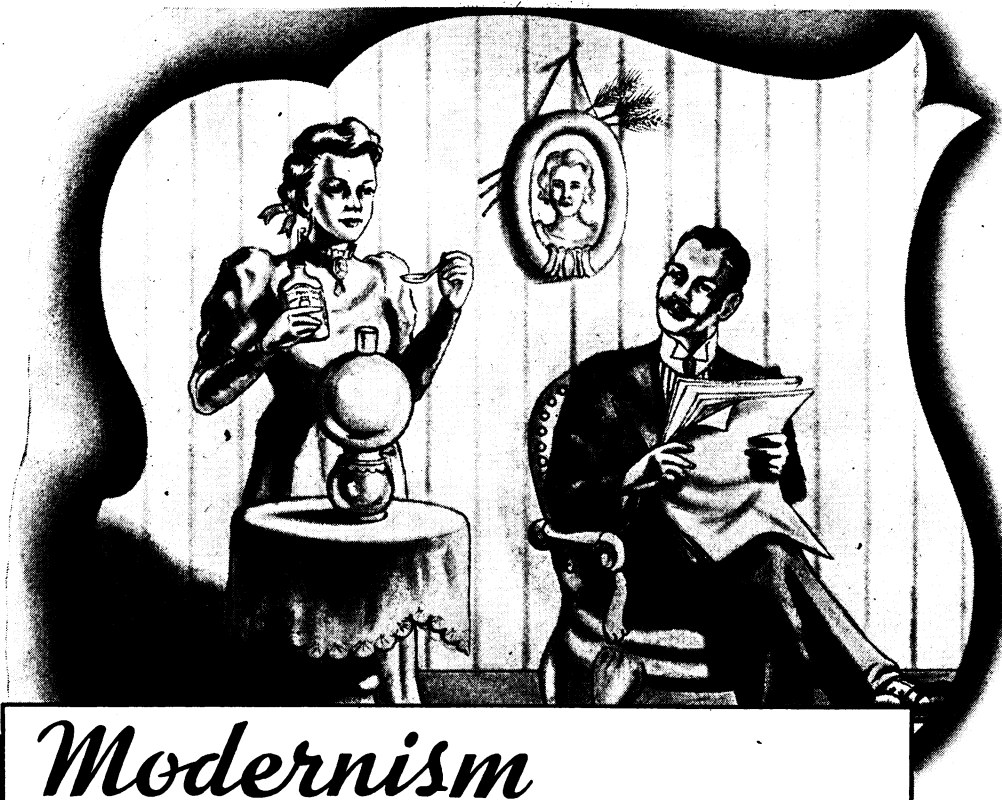


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# PHILLIPS'

## Milk of Magnesia

● **PHILLIPS' MILK OF MAGNESIA TABLETS**

Each tablet is equivalent to a teaspoonful of the liquid.

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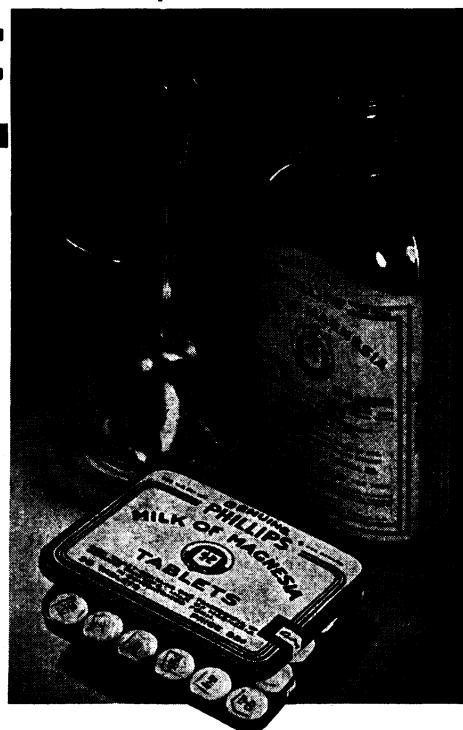
As an antacid: 2 to 4 teaspoonfuls (2 to 4 tablets).

As a gentle laxative: 4 to 8 teaspoonfuls.

*We will send you a professional package upon request.*

*Prepared only by*

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**ALPINE ULTRAVIOLET LAMP**

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**IT HAS A WIDE RANGE  
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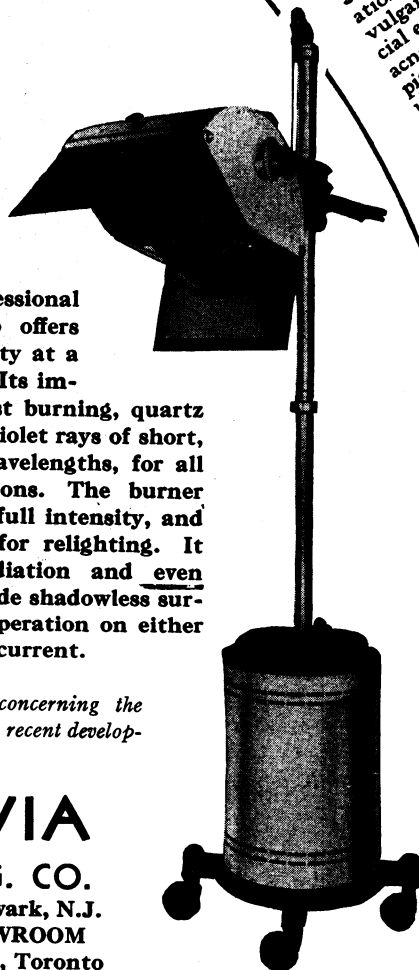
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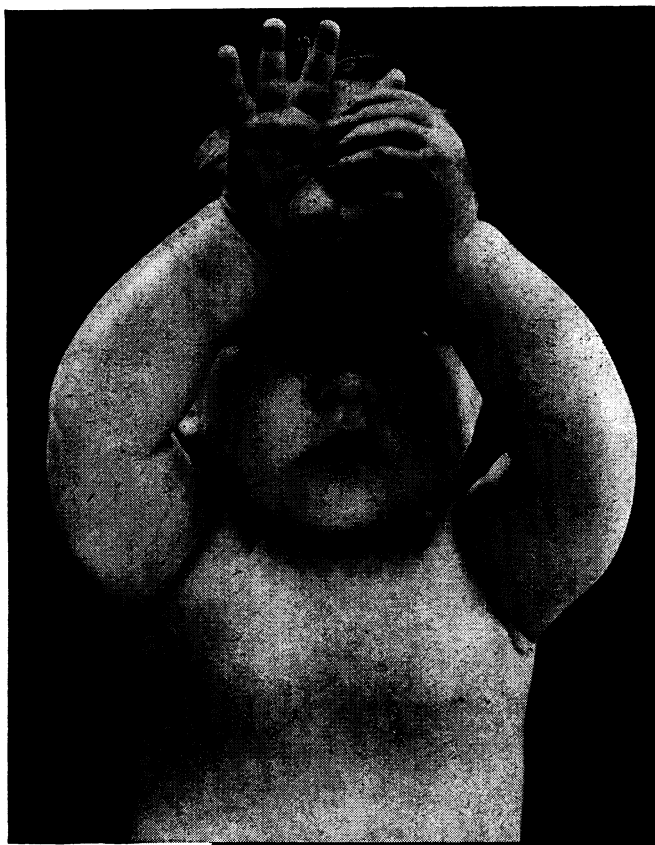
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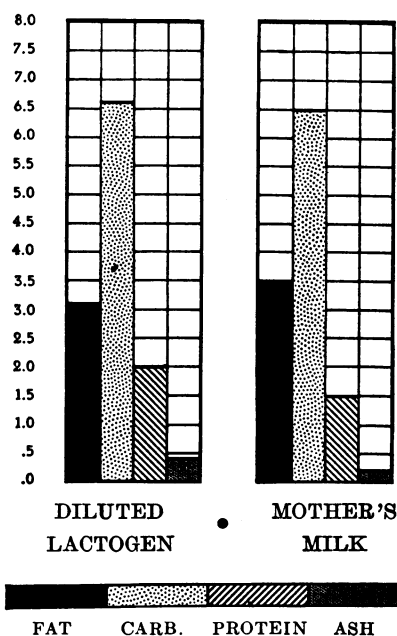
approximates  
women's milk in the  
proportion of  
food substances

**T**HE cow's milk used for Lactogen is scientifically modified for infant feeding. This modification is effected by the addition of milk fat and milk sugar in definite proportions. When Lactogen is properly diluted with water it results in a formula containing the food substances—fat, carbohydrate, protein, and ash—in approximately the same proportion as they exist in woman's milk.

● No advertising or feeding directions, except to physicians. For free samples and literature, send your professional blank to "Lactogen Dept." Nestlé's Milk Products, Inc., 155 East 44th St., New York, N.Y.

*"My own belief is, as already stated, that the average well baby thrives best on artificial foods in which the relations of the fat, sugar, and protein in the mixture are similar to those in human milk."*

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Clinical Pediatrics, p. 156.*



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*Q. But, doctor, is it all right to leave the peas I don't eat in an open can?*

*A. From the standpoint of health, there is no reason why peas, or any canned food, should be put into another container. (1)*

(1) For some obscure reason many members of the general public persist in believing that an open can is not a safe food container. Public health authorities have commented on this fallacy in these words:

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## Diarrhea • Dermatitis • Dementia

A generation ago the medical student remembered the characteristics of pellagra by the triad of D's. In our present state of knowledge the presence of all three of these characteristics is regarded as indicating a far-advanced stage of the disease, and emphasis is placed instead on the earlier signs. For example, it is now recognized that mild psychotic or psychoneurotic manifestations, the forerunners of the terminal dementia, may occur in the early stages of the disease, even before skin or lingual changes. Like other early signs, these mental states are promptly relieved by proper therapy, which should include the other B factors as well as nicotinic acid amide, for deficiencies of one factor only almost never occur.

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<i>Nicotinic Acid Amide</i> , . . . . .	20 milligrams
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<i>Vitamin B<sub>1</sub></i> , . . . . .	100 International units

Nicolexin Capsules are supplied in bottles of 50 and 500.



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As the season for colds begins

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Chest Colds  
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Laryngitis  
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• With fall and winter just around the corner, affections of the upper respiratory tract will become more frequent. Antiphlogistine is an ideal adjuvant to the general treatment of such affections. When administered promptly, its medicative and sedative warmth prove helpful in the process of decongestion and repair.

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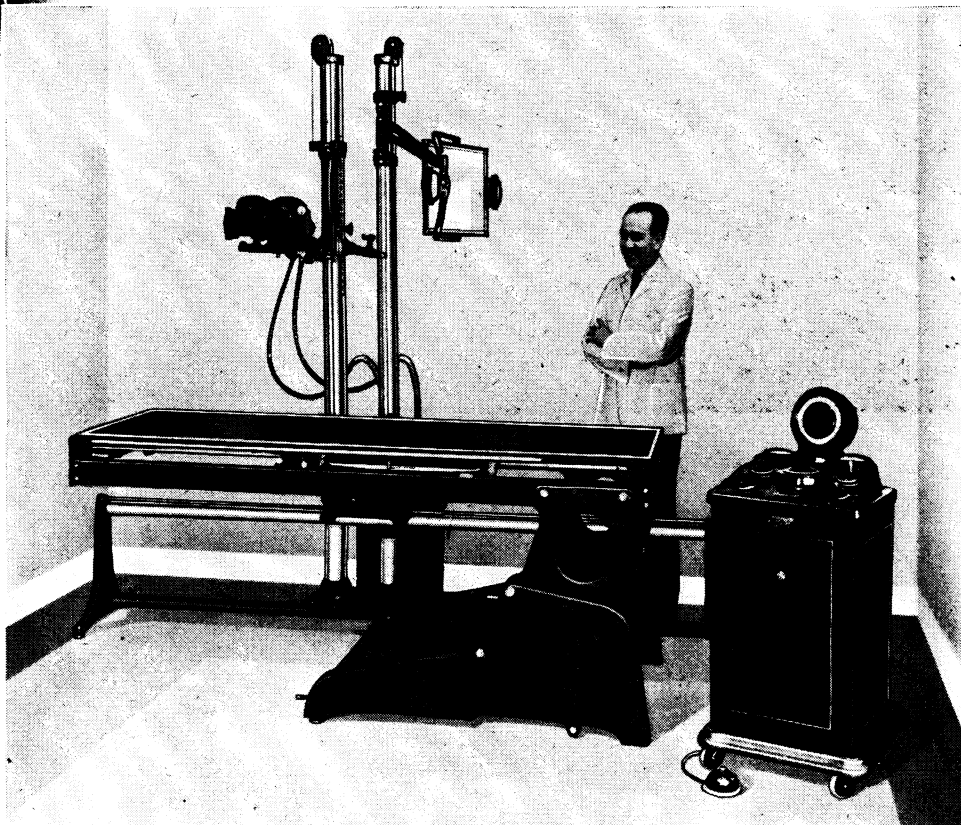
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Please send complete information about the new G-E Model R-38 Combination X-Ray Unit.

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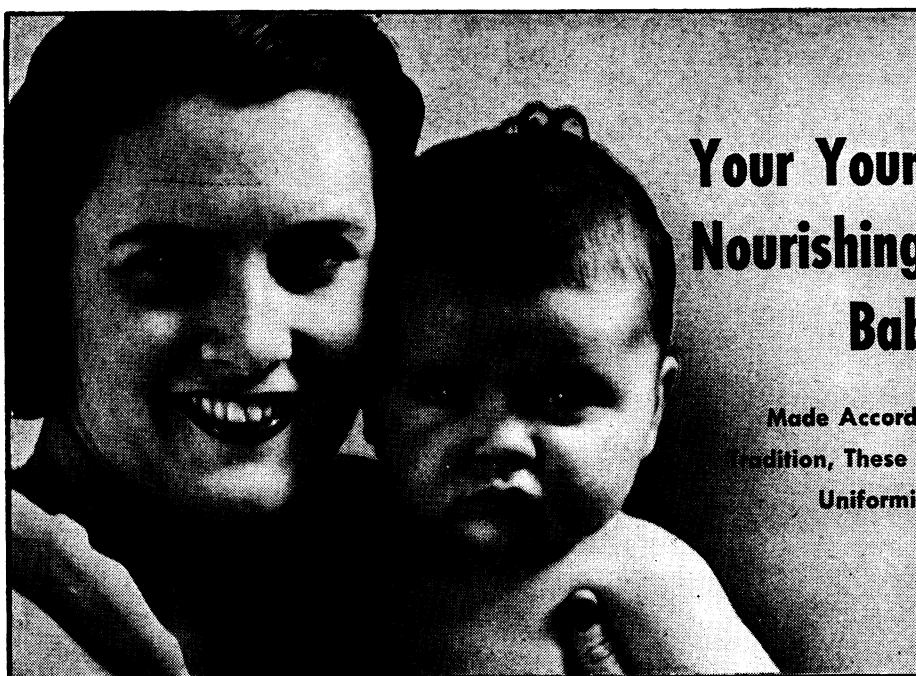
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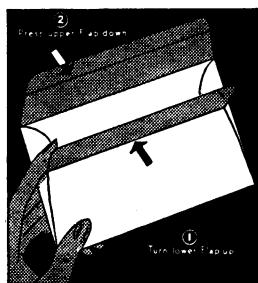
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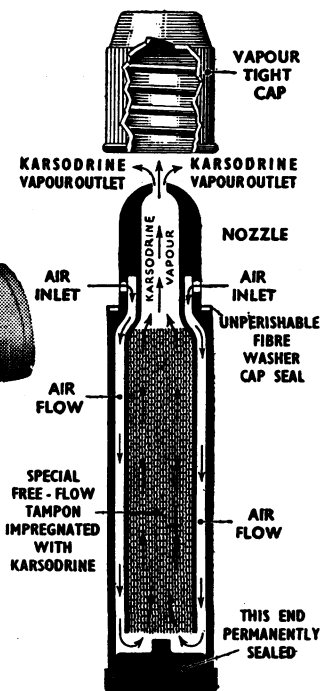
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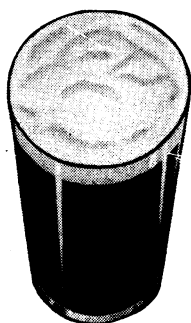
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Total carbohydrates . . . . .	3.86 gm.
Reducing sugars as glucose. . . . .	0.66 gm.
Protein . . . . .	None
Total nitrogen. . . . .	0.10 gm.
Ash . . . . .	0.28 gm.
Phosphorus . . . . .	38.50 mg.
Calcium . . . . .	7.00 mg.
Iron . . . . .	0.072 mg.
Copper . . . . .	0.049 mg.
Fuel value . . . . .	61 cal.
Vitamin B <sub>1</sub> . . . . .	6 Int. Units
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**1. The caffeine in coffee**, (even in small amounts), may dull the sense of fatigue, at the same time causing the sleeplessness that robs the system of rest. Also, as you well know . . .

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**3. And the effects** of caffeine, like the effects of any stimulant, may last as long as 48 hours, in many cases!

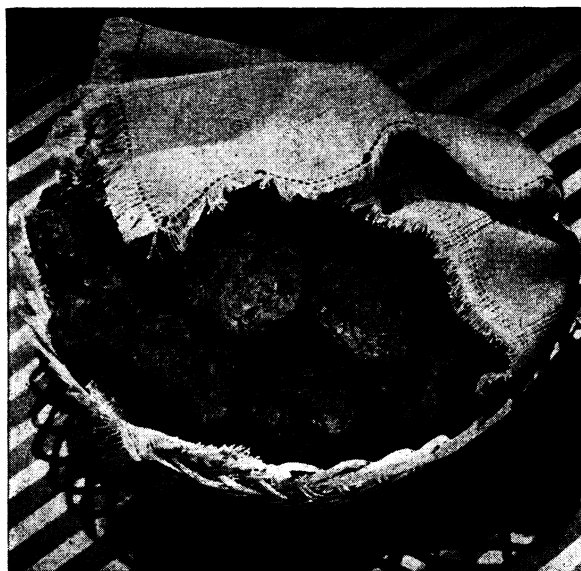
**4. Many physicians**, at the first sign of harmful effects from caffeine, tell the patient to "Switch to Sanka Coffee."—Because Sanka Coffee is 97% caffeine-free, and so cannot produce any of the harmful effects due to caffeine.

**SANKA  
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REAL COFFEE — 97% CAFFEINE-FREE



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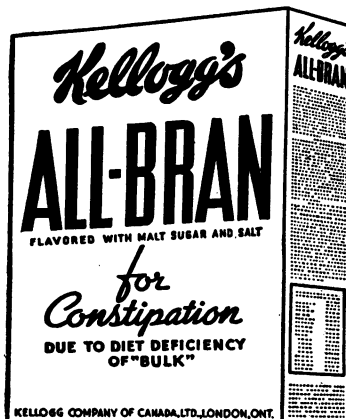


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Physicians recognize constipation is often due to lack of "bulk"-forming foods in the diet . . . and many have wanted just such a food they could use with assurance.

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Your problem is

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Meet the problem by using

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The irritated membrane is soothed and kept moist by the Emulsion. It loosens the secretions, facilitates expectoration, supplies calcium and phosphorus benefits. It also affords the cleansing, lubricating action of its mineral oil base.

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*Especially Those Attributable to  
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Gentian Violet (medicinal) is successfully used for control without side effects, under protection of Seal-Ins "time-locked" water-soluble enteric coating.

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Efficacy of Gentian Violet in Treatment of Pinworm Infestations — J.A.M.A., Mar. 9, 1940  
Treatment of Oxyuriasis

—A. J. Trop. Med. 20:3717, 1940  
Treatment of Oxyuriasis  
—New Orleans M. & S. J. Feb., p. 461, 1940  
Studies on Pinworm Infestation  
—Can. Med. Assn. Jnl., Nov., 1940

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Children and sensitive adults co-operate willingly when Lavioris is prescribed as a gargle.

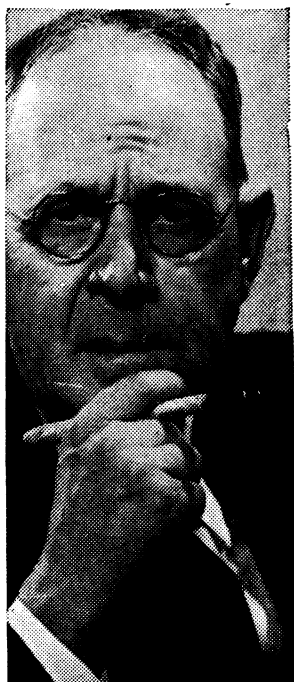
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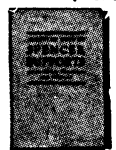
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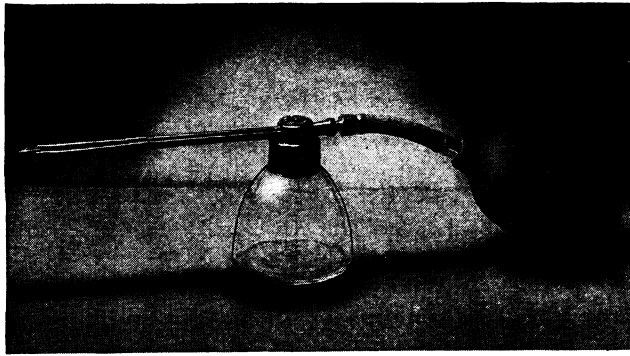


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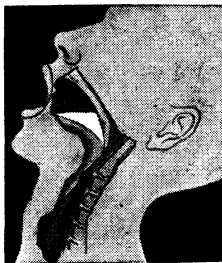
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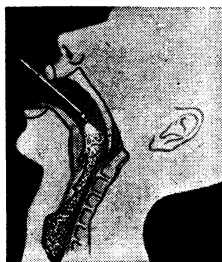


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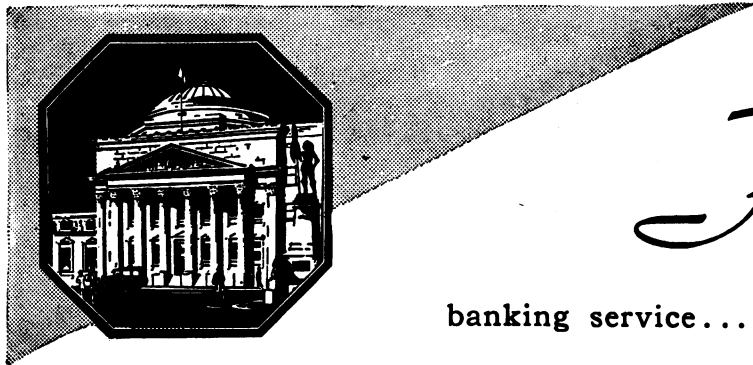


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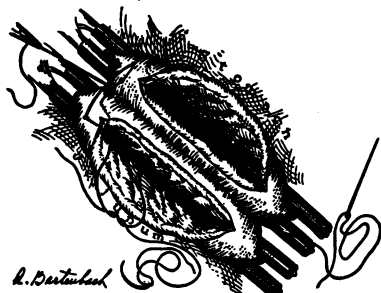
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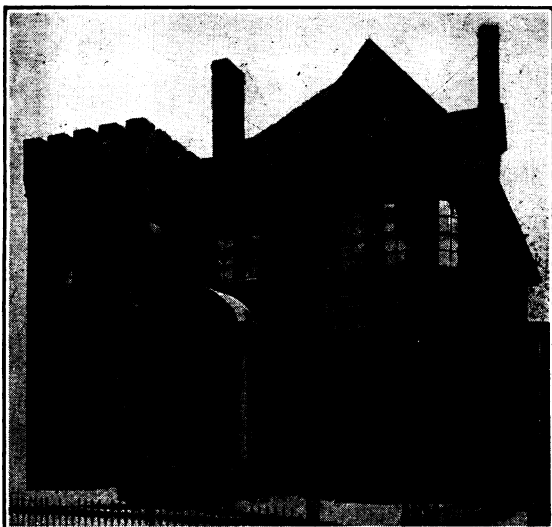
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Formula— Milk . . . . . ounces  
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6 a.m.— Breast or formula feeding

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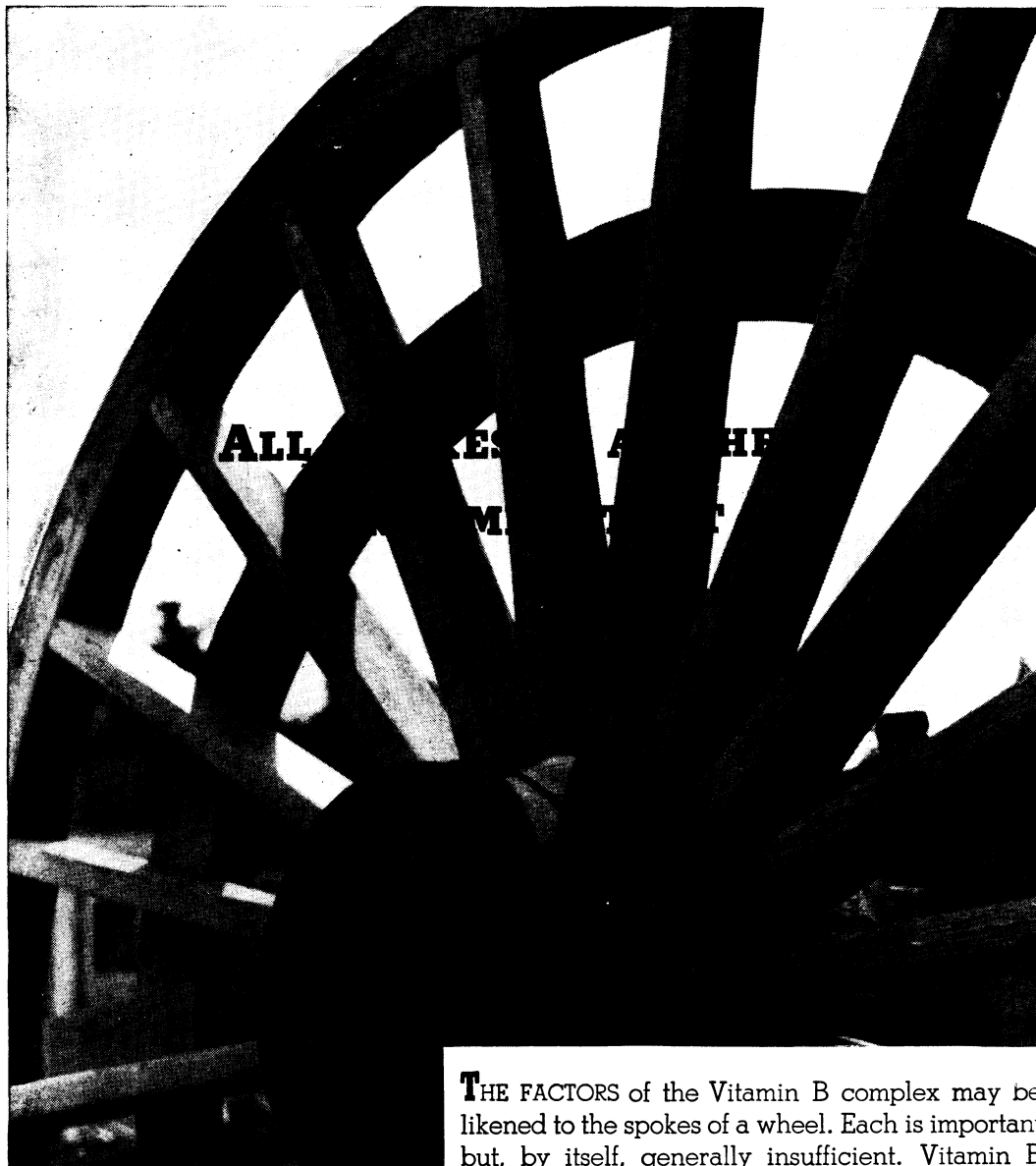
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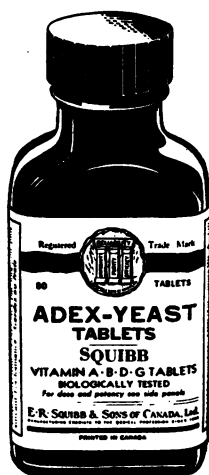
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*\*Strauss, M.B., J.A.M.A. 110:953, 1938*

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In 1939 there were 197 deaths from measles in Canada. More than 95 per cent of these were in the age-group 0-5 years.

Human serum prepared from the blood of healthy adults so as to involve a pooling from a large number of persons may be used effectively either for modification or prevention of measles. Modification is often preferable in that it reduces to a minimum the illness and hazards associated with measles, but does not interfere with the acquiring of the active and lasting immunity which is conferred by an attack of the disease. On the other hand, complete prevention of an attack of measles is frequently desirable, and can be accomplished provided that an ample quantity of serum is administered within five days of exposure to the disease.


For use in modification or prevention of measles, pooled human serum is available from the Connaught Laboratories in a concentrated form. While the recommended dose of this pooled and concentrated human serum for purposes of prevention is ordinarily 10 cc., the most usual dose is for purposes of modification and amounts to 5 cc. The serum is therefore supplied in 5-cc. vials. Prices and information relating to it will be supplied gladly upon request.

**CONNAUGHT LABORATORIES**  
**UNIVERSITY OF TORONTO**  
**TORONTO 5      -      -      CANADA**

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# *Surface Tension* IS IMPORTANT



● Ortho-Gynol has low surface tension, a requisite of a good vaginal jelly. The picture above shows an Ortho Products laboratory technician making a test for surface tension of Ortho-Gynol. Ortho-Gynol is recommended by thousands of physicians.

**AVAILABLE THROUGHOUT THE EMPIRE**

**ORTHO PRODUCTS OF CANADA, LTD., MONTREAL**

# ortho-gynol

**VAGINAL JELLY**

In the past a frequent complaint from mothers was the expense incurred when the large bottle of antiricketic was accidentally upset.

*"Busy fingers"*

*can't spill*

## OLEUM PERCOMORPHUM

Even if the bottle of Oleum Percomorphum is accidentally tipped over, there is no loss of precious oil nor damage to clothing and furnishings. The unique Mead's Vacap-Dropper\* is a tight seal which remains attached to the bottle, even while the antiricketic is being measured out. Mead's Vacap-Dropper offers these extra advantages also, at no increase in price:

### **Unbreakable**

Mead's Vacap-Dropper will not break even when bottle is tipped over or dropped. No glass dropper to become rough or serrated.

### **No "messiness"**

Mead's Vacap-Dropper protects against dust and rancidity. (Rancidity reduces vitamin potency.) Surface of oil need never be exposed to light and dust. This dropper cannot roll about and collect bacteria.

### **Accurate**

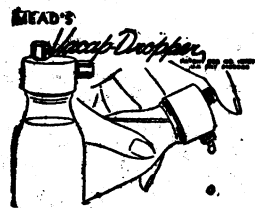
This unique device, after the patient becomes accustomed to using it, delivers drops of uniform size.

### **No deterioration**

Made of bakelite, Mead's Vacap-Dropper is impervious to oil. No chance of oil rising into rubber bulb, as with ordinary droppers, and deteriorating both oil and rubber. No glass or bulb to become separated while in use.

### **How to Use MEAD'S Vacap-Dropper**

Remove both top and side caps. Wipe dropper tip. Place forefinger firmly over top opening and regulate rate of flow by varying the degree of pressure. Oleum Percomorphum is best measured into the child's tomato juice. This is just as convenient and much safer than dropping the oil directly into the baby's mouth, a practice which may provoke a coughing spasm.



Patented Canada, 1936

\*Supplied only on the 30 c.c. size; the 10 c.c. size is still supplied with the ordinary type of dropper.

## OLEUM PERCOMORPHUM

More Economical Now Than Ever

MEAD JOHNSON & CO. OF CANADA, LTD. • BELLEVILLE, ONTARIO

Please enclose professional card when requesting samples of Mead Johnson products to cooperate in preventing their reaching unauthorized persons.